

Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
		8/1/1990	8/29/1990	8/1/1991	3/1/1992	8/1/1992	8/16/1994	11/29/1994	2/16/1995	4/26/1995	7/31/1995	10/9/1995	1/10/1996
<b>Conventionals</b>													
Alkalinity	mg/L						43	42	30	30	35	44	38
Ammonia as Nitrogen	mg/L												
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L												
Dissolved Bicarbonate	mg/L						43	42	30	30	35	44	38
Chemical Oxygen Demand	mg/L												
Chloride	mg/L						5.2	8.1	6.3	4.4	3.9	4.1	6
Coliforms	MPN/100 mL												
Conductivity	umhos/cm												
Specific Conductance	mS/cm												
Dissolved Oxygen	mg/L												
Eh	mV												
Ethane	µg/L												
Ethene	µg/L												
Ferrous Iron	mg/L												
Methane	µg/L												
Nitrate as Nitrogen	mg/L												
Nitrate+Nitrite as Nitrogen	mg/L												
Nitrite as Nitrogen	mg/L												
pH	--												
Sulfate	mg/L						9.2	11	11	9.6	9.3	7.3	9
Sulfide	mg/L												
Temperature	C												
Total Dissolved Solids	mg/L												
Total Organic Carbon	mg/L						2	1.5	2.9	1.8	1.5	1.8	3.3
Total Suspended Solids	mg/L												
Tannin and Lignin	mg/L												
Turbidity	NTU												
<b>Metals</b>													
Copper	mg/L												
Iron	mg/L												
<b>Dissolved Metals</b>													
Arsenic	mg/L												
Barium	mg/L												
Cadium	mg/L												
Calcium	mg/L						9.7	12.3	9	8.81	7.89	10.5	9.73
Copper	mg/L												
Iron	mg/L						0.02 U	0.026	0.02 U				
Magnesium	mg/L						6.22	7.47	5.33	5.22	5.14	6.71	5.7
Manganese	mg/L						0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Nickel	mg/L												
Potassium	mg/L												
Sodium	mg/L						4.23	4.43	4.03	4.06	3.55	4.57	4.67
Zinc	mg/L												
<b>TPH</b>													
Diesel	µg/L												
Heavy Fuel Oil	µg/L												
Jet Fuel as Jet A	µg/L												
Kerosene	µg/L												
Lube Oil	µg/L												
Mineral Spirits	µg/L												
Non-PHC as Diesel	µg/L												
PHC as Diesel	µg/L												
Diesel Range Organics	µg/L												
Residual Range Organics	µg/L												
<b>Phenols</b>													
Phenol	µg/L		10 U										
2-Chlorophenol	µg/L		10 U										
2,4-Dichlorophenol	µg/L		10 U										
2,6-Dichlorophenol	µg/L												
3,4-Dichlorophenol	µg/L												
3,5-Dichlorophenol	µg/L												
2,4,5-Trichlorophenol	µg/L		50 U										
2,4,6-Trichlorophenol	µg/L		10 U										
2,3,4,5-Tetrachlorophenol	µg/L												
2,3,5,6-Tetrachlorophenol	µg/L												
Pentachlorophenol	µg/L	10 U	50 U	0.2 U	0.1	0.2 U					1.6		0.5
2-Methylphenol	µg/L		10 U										
4-Methylphenol	µg/L		10 U										
2,4-Dimethylphenol	µg/L		10 U										
2-Nitrophenol	µg/L		10 U										
4-Nitrophenol	µg/L		50 U										
2,4-Dinitrophenol	µg/L		50 U										
4,6-Dinitro-2-methylphenol	µg/L		50 U										
4-Chloro-3-methylphenol	µg/L		10 U										
Total Tetrachlorophenols	µg/L												
<b>PAHs</b>													
2-Methylnaphthalene	µg/L		10 U										
Acenaphthene	µg/L		10 U										
Acenaphthylene	µg/L		10 U										
Anthracene	µg/L		10 U										
Benzo(a)anthracene	µg/L		10 U										
Benzo(a)pyrene	µg/L		10 U										
Benzo(b)fluoranthene	µg/L		10 U										
Benzo(g,h,i)perylene	µg/L		10 U										
Benzo(k)fluoranthene	µg/L		10 U										
Chrysene	µg/L		10 U										
Dibenz(a,h)anthracene	µg/L		10 U										
Fluoranthene	µg/L		10 U										
Fluorene	µg/L		10 U										
Indeno(1,2,3-cd)pyrene	µg/L		10 U										
Naphthalene	µg/L		10 U										
Phenanthrene	µg/L		10 U										
Pyrene	µg/L		10 U										
Total PAHs (calculated)	µg/L		10 U										

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
		MW-1 4/17/1996	MW-1 7/17/1996	MW-1 9/25/1996	MW-1 1/13/1997	MW-1 4/9/1997	MW-1 8/6/1997	MW-1 10/6/1997	MW-1 1/14/1998	MW-1 4/15/1998	MW-1 7/15/1998	MW-1 10/6/1998	MW-1 1/12/1999
Unit													
<b>Conventionals</b>													
Alkalinity	mg/L	37	38	50	39	44	53	58	44	43	51	75	39
Ammonia as Nitrogen	mg/L												
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L								44	43	51	75	39
Dissolved Bicarbonate	mg/L	37	38	50	39	44	53	58					
Chemical Oxygen Demand	mg/L												
Chloride	mg/L	4.6	4.2	4.1	4.2	4.2	2.9	3.2	4.7	3.7	3.4	3.3	4.5
Coliforms	MPN/100 mL												7
Conductivity	umhos/cm												
Specific Conductance	mS/cm												
Dissolved Oxygen	mg/L												
Eh	mV												
Ethane	µg/L												
Ethene	µg/L												
Ferrous Iron	mg/L												
Methane	µg/L												
Nitrate as Nitrogen	mg/L												
Nitrate+Nitrite as Nitrogen	mg/L												
Nitrite as Nitrogen	mg/L												
pH	--												
Sulfate	mg/L	8.9	9.3	9.5	12	13	8.2	9.5			12.1		
Sulfide	mg/L								11.5	11.5		11.8	14.3
Temperature	C												
Total Dissolved Solids	mg/L												
Total Organic Carbon	mg/L	1.3	2.6	1.9	1.8	2.5	2.9	2.8	3.8	2.2	1.8	2.5	0.8
Total Suspended Solids	mg/L												
Tannin and Lignin	mg/L												
Turbidity	NTU												
<b>Metals</b>													
Copper	mg/L												
Iron	mg/L												
<b>Dissolved Metals</b>													
Arsenic	mg/L												
Barium	mg/L												
Cadium	mg/L												
Calcium	mg/L	9.96	9.43	11.8	10.8	12.3	12.1	13.2	11.6	11.4	12.2	15.8	11.6
Copper	mg/L												
Iron	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.728	0.02 U	0.02 U	0.735	0.02 U	0.02 U	0.02 U	0.02 U
Magnesium	mg/L	6.15	5.95	7.58	6.21	7.51	7.28	8.25	6.93	6.73	7.51	9.89	6.8
Manganese	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.02	0.005 U	0.005 U	0.02	0.005 U	0.005 U	0.005 U	0.005 U
Nickel	mg/L												
Potassium	mg/L		2.3		2.5	2.2			2 U	2 U	2 U	2 U	2 U
Sodium	mg/L	4.87	4.67	5.35	4.46	4.42	4.54	5.09	5.1	4.32	4.64	5.54	4.46
Zinc	mg/L												
<b>TPH</b>													
Diesel	µg/L												
Heavy Fuel Oil	µg/L												
Jet Fuel as Jet A	µg/L												
Kerosene	µg/L												
Lube Oil	µg/L												
Mineral Spirits	µg/L												
Non-PHC as Diesel	µg/L												
PHC as Diesel	µg/L												
Diesel Range Organics	µg/L												
Residual Range Organics	µg/L												
<b>Phenols</b>													
Phenol	µg/L								0.2 U				
2-Chlorophenol	µg/L								0.2 U				
2,4-Dichlorophenol	µg/L								0.2 U				
2,6-Dichlorophenol	µg/L												
3,4-Dichlorophenol	µg/L												
3,5-Dichlorophenol	µg/L												
2,4,5-Trichlorophenol	µg/L								0.2 U				
2,4,6-Trichlorophenol	µg/L												
2,3,4,5-Tetrachlorophenol	µg/L												
2,3,5,6-Tetrachlorophenol	µg/L												
Pentachlorophenol	µg/L								0.5 U				
2-Methylphenol	µg/L												
4-Methylphenol	µg/L												
2,4-Dimethylphenol	µg/L								0.2 U				
2-Nitrophenol	µg/L								0.2 U				
4-Nitrophenol	µg/L								0.5 U				
2,4-Dinitrophenol	µg/L								0.5 U				
4,6-Dinitro-2-methylphenol	µg/L								0.5 U				
4-Chloro-3-methylphenol	µg/L								0.2 U				
Total Tetrachlorophenols	µg/L												
<b>PAHs</b>													
2-Methylnaphthalene	µg/L								1 U	1 U	1 U	1 U	1 U
Acenaphthene	µg/L								1 U	1 U	1 U	1 U	1 U
Acenaphthylene	µg/L								0.1 U				
Anthracene	µg/L								0.1 U				
Benzo(a)anthracene	µg/L								0.1 U				
Benzo(a)pyrene	µg/L								0.1 U				
Benzo(b)fluoranthene	µg/L								0.2 U				
Benzo(g,h,i)perylene	µg/L								0.2 U				
Benzo(k)fluoranthene	µg/L								0.1 U				
Chrysene	µg/L								0.1 U				
Dibenz(a,h)anthracene	µg/L								0.1 U				
Fluoranthene	µg/L								0.2 U				
Fluorene	µg/L								0.2 U				
Indeno(1,2,3-cd)pyrene	µg/L								0.1 U				
Naphthalene	µg/L								1 U	1 U	1 U	1 U	1 U
Phenanthrene	µg/L								0.1 U				
Pyrene	µg/L								0.2 U				
Total PAHs (calculated)	µg/L								1 U	1 U	1 U	1 U	1 U

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Unit	Station	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	
		Sample ID	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
		Date	1/21/1999	4/13/1999	7/21/1999	10/4/1999	10/25/1999	1/11/2000	4/18/2000	10/4/2000	4/5/2001	10/8/2001	4/10/2002	10/24/2002
<b>Conventionals</b>														
Alkalinity	mg/L		40	52	61			47	42					
Ammonia as Nitrogen	mg/L													
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L		40	52	61			47	42					
Dissolved Bicarbonate	mg/L													
Chemical Oxygen Demand	mg/L													
Chloride	mg/L		4.6	3.6	3.1			3.9	3.4					
Coliforms	MPN/100 mL													
Conductivity	umhos/cm								101					
Specific Conductance	mS/cm													0.207
Dissolved Oxygen	mg/L													11.49
Eh	mV													339
Ethane	µg/L													
Ethene	µg/L													
Ferrous Iron	mg/L													
Methane	µg/L													
Nitrate as Nitrogen	mg/L													
Nitrate+Nitrite as Nitrogen	mg/L													
Nitrite as Nitrogen	mg/L													
pH	--								6.26					6.91
Sulfate	mg/L		13.7					12.6	9.4					
Sulfide	mg/L			10.7	10.2									
Temperature	C													10.3
Total Dissolved Solids	mg/L													
Total Organic Carbon	mg/L		1.7	1.8	2.6			3.9	1.1					
Total Suspended Solids	mg/L				331			304		333	429	1240	258	34
Tannin and Lignin	mg/L													
Turbidity	NTU													
<b>Metals</b>														
Copper	mg/L													
Iron	mg/L													
<b>Dissolved Metals</b>														
Arsenic	mg/L													
Barium	mg/L													
Cadium	mg/L													
Calcium	mg/L		11.3	13	12.4			10.6	10.7	12.6	0.0134	14.4	13.3	
Copper	mg/L													
Iron	mg/L		0.02 U	0.02 U	0.02 U			0.02 U	0.02 U	0.02	0.00002 U	0.02 U	0.02 U	0.007 UJ
Magnesium	mg/L		6.93	7.52	7.78			5.88	6.09	7.99	0.0082	9.01	7.92	10.9
Manganese	mg/L		0.005 U	0.005 U	0.005 U			0.005 U	0.005 U			2 U	2 U	
Nickel	mg/L													
Potassium	mg/L		2 U	2 U	2 U			2.5	2	2 U	0.002 U	4.73	4.45	1.36 B
Sodium	mg/L		3.96	0.1	4.59			4.29	4.3	4.9	0.00434			5.17
Zinc	mg/L													
<b>TPH</b>														
Diesel	µg/L						250 U							
Heavy Fuel Oil	µg/L						500 U							
Jet Fuel as Jet A	µg/L						250 U							
Kerosene	µg/L						250 U							
Lube Oil	µg/L						500 U							
Mineral Spirits	µg/L						250 U							
Non-PHC as Diesel	µg/L						500 U							
PHC as Diesel	µg/L						500 U							
Diesel Range Organics	µg/L													45 U
Residual Range Organics	µg/L													500 U
<b>Phenols</b>														
Phenol	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U					
2-Chlorophenol	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U					
2,4-Dichlorophenol	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U					
2,6-Dichlorophenol	µg/L													
3,4-Dichlorophenol	µg/L													0.2 U
3,5-Dichlorophenol	µg/L													0.2 U
2,4,5-Trichlorophenol	µg/L													0.5 U
2,4,6-Trichlorophenol	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U					0.03 UJ
2,3,4,5-Tetrachlorophenol	µg/L													
2,3,5,6-Tetrachlorophenol	µg/L													
Pentachlorophenol	µg/L		0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.2 UJ	0.2 U	0.38 J
2-Methylphenol	µg/L													
4-Methylphenol	µg/L													
2,4-Dimethylphenol	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U					
2-Nitrophenol	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U					
4-Nitrophenol	µg/L		0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U					
2,4-Dinitrophenol	µg/L		0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U					
4,6-Dinitro-2-methylphenol	µg/L		0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U					
4-Chloro-3-methylphenol	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U					
Total Tetrachlorophenols	µg/L													0.4 U
<b>PAHs</b>														
2-Methylnaphthalene	µg/L													0.0073 J
Acenaphthene	µg/L		1 U	1 U	1 U	1 U		1 U	1 U					0.002 U
Acenaphthylene	µg/L		1 U	1 U	1 U	1 U		1 U	1 U					0.0018 U
Anthracene	µg/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U					0.0011 U
Benzo(a)anthracene	µg/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U					0.0021 U
Benzo(a)pyrene	µg/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U					0.0016 U
Benzo(b)fluoranthene	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U					0.002 U
Benzo(g,h,i)perylene	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U					0.0037 U
Benzo(k)fluoranthene	µg/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U					0.0014 U
Chrysene	µg/L		1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U					0.0013 U
Dibenz(a,h)anthracene	µg/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U					0.0017 U
Fluoranthene	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U					0.0024 U
Fluorene	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U					0.0026 U
Indeno(1,2,3-cd)pyrene	µg/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U					0.0021 U
Naphthalene	µg/L		1 U	1 U	1 U	1 U		1 U	1 U					0.028
Phenanthrene	µg/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U					0.0032 U
Pyrene	µg/L		0.4 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U					0.0023 U
Total PAHs (calculated)	µg/L		1 U	1 U	1 U	1 U		1 U	1 U					0.028

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Unit	Station	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
		Sample ID	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
		Date	1/21/2003	7/15/2003	2/11/2004	7/14/2004	1/10/2005	8/1/1990	8/29/1990	10/1/1991	3/1/1992	8/1/1992	6/1/1993	8/15/1994
<b>Conventionals</b>														
Alkalinity	mg/L													40
Ammonia as Nitrogen	mg/L													
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L													
Dissolved Bicarbonate	mg/L													40
Chemical Oxygen Demand	mg/L													
Chloride	mg/L	6												30
Coliforms	MPN/100 mL													
Conductivity	umhos/cm													
Specific Conductance	mS/cm	0.122	0.162	0.131		0.16								
Dissolved Oxygen	mg/L	5.37	3.85	10.77		6.6								
Eh	mV	217	114	190		1								
Ethane	µg/L													
Ethene	µg/L													
Ferrous Iron	mg/L													
Methane	µg/L													
Nitrate as Nitrogen	mg/L													
Nitrate+Nitrite as Nitrogen	mg/L													
Nitrite as Nitrogen	mg/L													
pH	--	5.71	6.24	2.99		5.63								
Sulfate	mg/L													12
Sulfide	mg/L													
Temperature	C	11.1	15.94	11.07		12.74								
Total Dissolved Solids	mg/L													
Total Organic Carbon	mg/L													9
Total Suspended Solids	mg/L	5 U	5 U	5 U	5 U	5 U								
Tannin and Lignin	mg/L													
Turbidity	NTU													
<b>Metals</b>														
Copper	mg/L	0.004 U												
Iron	mg/L	0.02 U												
<b>Dissolved Metals</b>														
Arsenic	mg/L													
Barium	mg/L													
Cadium	mg/L													
Calcium	mg/L	10.7	12.8	11.4	12.4	13.2								18.9
Copper	mg/L													
Iron	mg/L	0.02 U	0.006 U	0.0074 U	0.02 U	0.02 U								0.033
Magnesium	mg/L	6.04	7.64	5.71	7.05	6.3								10.2
Manganese	mg/L													0.066
Nickel	mg/L													
Potassium	mg/L	0.821 B	0.7 U	1.33 B	0.977 B	1.49 B								2
Sodium	mg/L	4.89	4.27	5.8	4.28	5.42								5.87
Zinc	mg/L													
<b>TPH</b>														
Diesel	µg/L													
Heavy Fuel Oil	µg/L													
Jet Fuel as Jet A	µg/L													
Kerosene	µg/L													
Lube Oil	µg/L													
Mineral Spirits	µg/L													
Non-PHC as Diesel	µg/L													
PHC as Diesel	µg/L													
Diesel Range Organics	µg/L	45 U												
Residual Range Organics	µg/L	30 U												
<b>Phenols</b>														
Phenol	µg/L								10 U					
2-Chlorophenol	µg/L								10 U					
2,4-Dichlorophenol	µg/L								10 U					
2,6-Dichlorophenol	µg/L													
3,4-Dichlorophenol	µg/L	0.2 U	0.2 U	2 U	2 U	0.3 U								
3,5-Dichlorophenol	µg/L	0.2 U	0.2 U	2 U	2 R	0.65 U								
2,4,5-Trichlorophenol	µg/L	0.5 U	0.5 U	0.33 U	0.5 U	0.27 U			50 U					
2,4,6-Trichlorophenol	µg/L	0.03 U	0.5 U	0.17 U	0.16 U	0.096 U			10 U					
2,3,4,5-Tetrachlorophenol	µg/L													
2,3,5,6-Tetrachlorophenol	µg/L													
Pentachlorophenol	µg/L	0.06 U	0.5 U	0.5 U	0.095 U	0.29 U	10 U	50 U	8.3	0.4	0.2 U	1.5	9	
2-Methylphenol	µg/L							10 U						
4-Methylphenol	µg/L							10 U						
2,4-Dimethylphenol	µg/L							10 U						
2-Nitrophenol	µg/L							10 U						
4-Nitrophenol	µg/L							50 U						
2,4-Dinitrophenol	µg/L							50 U						
4,6-Dinitro-2-methylphenol	µg/L							50 U						
4-Chloro-3-methylphenol	µg/L							10 U						
Total Tetrachlorophenols	µg/L	0.4 U	0.4 U	1 U	0.26 U	0.66 U								
<b>PAHs</b>														
2-Methylnaphthalene	µg/L	0.02 U							10 U					
Acenaphthene	µg/L	0.002 U							10 U					
Acenaphthylene	µg/L	0.0018 U							10 U					
Anthracene	µg/L	0.02 U							10 U					
Benzo(a)anthracene	µg/L	0.0021 U							10 U					
Benzo(a)pyrene	µg/L	0.0016 U							10 U					
Benzo(b)fluoranthene	µg/L	0.002 U							10 U					
Benzo(g,h,i)perylene	µg/L	0.0037 U							10 U					
Benzo(k)fluoranthene	µg/L	0.0014 U							10 U					
Chrysene	µg/L	0.0013 U							10 U					
Dibenz(a,h)anthracene	µg/L	0.0017 U							10 U					
Fluoranthene	µg/L	0.0024 U							10 U					
Fluorene	µg/L	0.0026 U							10 U					
Indeno(1,2,3-cd)pyrene	µg/L	0.0021 U							10 U					
Naphthalene	µg/L	0.02 U							10 U					
Phenanthrene	µg/L	0.02 U							10 U					
Pyrene	µg/L	0.0023 U							10 U					
Total PAHs (calculated)	µg/L	0.02 U							10 U					

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Unit	Station	MW-2	MW-2	MW-2									
		Sample ID	MW-2	MW-2	MW-2	MW-2								
		Date	2/16/1995	4/26/1995	7/31/1995	10/9/1995	1/10/1996	4/17/1996	7/17/1996	9/25/1996	1/13/1997	4/9/1997	8/6/1997	10/6/1997
<b>Conventionals</b>														
Alkalinity	mg/L		35	38	38	40	37	40	39	40	30	44	43	44
Ammonia as Nitrogen	mg/L													
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L													
Dissolved Bicarbonate	mg/L		35	38	38	40	37	40	39	40	30	44	43	44
Chemical Oxygen Demand	mg/L													
Chloride	mg/L		18	18	27	25	19	13	17	21	7.2	4.2	19.2	7
Coliforms	MPN/100 mL													
Conductivity	umhos/cm													
Specific Conductance	mS/cm													
Dissolved Oxygen	mg/L													
Eh	mV													
Ethane	µg/L													
Ethene	µg/L													
Ferrous Iron	mg/L													
Methane	µg/L													
Nitrate as Nitrogen	mg/L													
Nitrate+Nitrite as Nitrogen	mg/L													
Nitrite as Nitrogen	mg/L													
pH	--													
Sulfate	mg/L		8.9	18	12	9.7	11	19	23	18	14	13	22.2	17
Sulfide	mg/L													
Temperature	C													
Total Dissolved Solids	mg/L													
Total Organic Carbon	mg/L		1.2	1.5	1.4	4.8	4.1	5.2	5.3	8.7	8.8	2.5	9.2	7.8
Total Suspended Solids	mg/L													
Tannin and Lignin	mg/L													
Turbidity	NTU													
<b>Metals</b>														
Copper	mg/L													
Iron	mg/L													
<b>Dissolved Metals</b>														
Arsenic	mg/L													
Barium	mg/L													
Cadium	mg/L													
Calcium	mg/L		13.2	15.5	16.5	16.6	14.3	15.1	17.3	18.1	9.6	14.7	17.6	12.9
Copper	mg/L													
Iron	mg/L		0.02 U	0.082	0.076	0.02 U	0.02 U							
Magnesium	mg/L		8.13	9.6	10.3	9.64	8.76	9.05	10.3	10.9	6.09	7.6	10.6	7.98
Manganese	mg/L		0.005 U	0.005 U	0.005 U	0.018	0.005 U	0.005 U	0.005 U	0.005 U				
Nickel	mg/L													
Potassium	mg/L					2.1			2.6		2.8	2.7		
Sodium	mg/L		5.1	5.48	5.72	5.85	5.35	5.54	6.1	6.55	4.62	6.43	5.96	5.26
Zinc	mg/L													
<b>TPH</b>														
Diesel	µg/L													
Heavy Fuel Oil	µg/L													
Jet Fuel as Jet A	µg/L													
Kerosene	µg/L													
Lube Oil	µg/L													
Mineral Spirits	µg/L													
Non-PHC as Diesel	µg/L													
PHC as Diesel	µg/L													
Diesel Range Organics	µg/L													
Residual Range Organics	µg/L													
<b>Phenols</b>														
Phenol	µg/L													
2-Chlorophenol	µg/L													
2,4-Dichlorophenol	µg/L													
2,6-Dichlorophenol	µg/L													
3,4-Dichlorophenol	µg/L													
3,5-Dichlorophenol	µg/L													
2,4,5-Trichlorophenol	µg/L													
2,4,6-Trichlorophenol	µg/L													
2,3,4,5-Tetrachlorophenol	µg/L													
2,3,5,6-Tetrachlorophenol	µg/L													
Pentachlorophenol	µg/L		2.1	0.6	1.1	4.1	3.9	7.1	4.6	3.3	3	2.8	1.3	3.8
2-Methylphenol	µg/L													
4-Methylphenol	µg/L													
2,4-Dimethylphenol	µg/L													
2-Nitrophenol	µg/L													
4-Nitrophenol	µg/L													
2,4-Dinitrophenol	µg/L													
4,6-Dinitro-2-methylphenol	µg/L													
4-Chloro-3-methylphenol	µg/L													
Total Tetrachlorophenols	µg/L													
<b>PAHs</b>														
2-Methylnaphthalene	µg/L													
Acenaphthene	µg/L													
Acenaphthylene	µg/L													
Anthracene	µg/L													
Benzo(a)anthracene	µg/L													
Benzo(a)pyrene	µg/L													
Benzo(b)fluoranthene	µg/L													
Benzo(g,h,i)perylene	µg/L													
Benzo(k)fluoranthene	µg/L													
Chrysene	µg/L													
Dibenz(a,h)anthracene	µg/L													
Fluoranthene	µg/L													
Fluorene	µg/L													
Indeno(1,2,3-cd)pyrene	µg/L													
Naphthalene	µg/L													
Phenanthrene	µg/L													
Pyrene	µg/L													
Total PAHs (calculated)	µg/L													

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Unit	Station	MW-2											
		Sample ID	MW-2											
		Date	1/14/1998	4/15/1998	7/15/1998	10/6/1998	1/12/1999	1/21/1999	4/13/1999	7/21/1999	10/4/1999	1/13/2000	4/18/2000	10/4/2000
<b>Conventionals</b>														
Alkalinity	mg/L		31	35	39	39	42		46	43	42	43	38	
Ammonia as Nitrogen	mg/L													
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L		31	35	39	39	42		46	43	42	43	38	
Dissolved Bicarbonate	mg/L													
Chemical Oxygen Demand	mg/L													
Chloride	mg/L		9.7	5.4	8.6	11.8	5.4		5.9	9.8	13.4	7.8	6.1	
Coliforms	MPN/100 mL						2 U							
Conductivity	umhos/cm												141	
Specific Conductance	mS/cm													
Dissolved Oxygen	mg/L													
Eh	mV													
Ethane	µg/L													
Ethene	µg/L													
Ferrous Iron	mg/L													
Methane	µg/L													
Nitrate as Nitrogen	mg/L													
Nitrate+Nitrite as Nitrogen	mg/L													
Nitrite as Nitrogen	mg/L													
pH	--												6.02	
Sulfate	mg/L				15.3				17.3			17	26.1	
Sulfide	mg/L		15.5	17.7		10.3	17.3			21.1	16.6			
Temperature	C													
Total Dissolved Solids	mg/L													
Total Organic Carbon	mg/L		5.6	3	2.3	2.6	1.1		0.9	1.9	4	0.7	0.5 U	
Total Suspended Solids	mg/L										504	4 U		5 U
Tannin and Lignin	mg/L													
Turbidity	NTU													
<b>Metals</b>														
Copper	mg/L													
Iron	mg/L													
<b>Dissolved Metals</b>														
Arsenic	mg/L													
Barium	mg/L													
Cadium	mg/L													
Calcium	mg/L		11.9	11.2	12	11.7	12.3		11.7	14.7	13	12.3	13.6	12.9
Copper	mg/L													
Iron	mg/L		0.187	0.02 U	0.02 U	0.076	0.024		0.02 U	0.02 U	0.02 U	0.02 U	0.03	0.02 U
Magnesium	mg/L		7.4	6.87	7.54	7.16	7.71		7.59	8.9	8.06	7.7	8.5	8.12
Manganese	mg/L		0.005 U		0.005 U									
Nickel	mg/L													
Potassium	mg/L		2 U	2 U	2 U	2 U	2 U		2.1	2 U	2 U	2.7	2	2 U
Sodium	mg/L		5.39	4.83	4.61	5.4	5.84		4.84	5.68	6.38	5.92	6.6	6.6
Zinc	mg/L													
<b>TPH</b>														
Diesel	µg/L												250 U	
Heavy Fuel Oil	µg/L												500 U	
Jet Fuel as Jet A	µg/L												250 U	
Kerosene	µg/L												250 U	
Lube Oil	µg/L												500 U	
Mineral Spirits	µg/L												250 U	
Non-PHC as Diesel	µg/L												500 U	
PHC as Diesel	µg/L												500 U	
Diesel Range Organics	µg/L													
Residual Range Organics	µg/L													
<b>Phenols</b>														
Phenol	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U						
2-Chlorophenol	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U						
2,4-Dichlorophenol	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U						
2,6-Dichlorophenol	µg/L													
3,4-Dichlorophenol	µg/L													
3,5-Dichlorophenol	µg/L													
2,4,5-Trichlorophenol	µg/L													
2,4,6-Trichlorophenol	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U						
2,3,4,5-Tetrachlorophenol	µg/L													
2,3,5,6-Tetrachlorophenol	µg/L													
Pentachlorophenol	µg/L		2.5	0.7	1	4.6		3.6	0.9	1.4	2.1	0.5 U	0.5 U	0.5 U
2-Methylphenol	µg/L													
4-Methylphenol	µg/L													
2,4-Dimethylphenol	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U						
2-Nitrophenol	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U						
4-Nitrophenol	µg/L		0.5 U	0.5 U	0.5 U	0.5 U		0.5 U						
2,4-Dinitrophenol	µg/L		0.5 U	0.5 U	0.5 U	0.5 U		0.5 U						
4,6-Dinitro-2-methylphenol	µg/L		0.5 U	0.5 U	0.5 U	0.5 U		0.5 U						
4-Chloro-3-methylphenol	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U						
Total Tetrachlorophenols	µg/L													
<b>PAHs</b>														
2-Methylnaphthalene	µg/L													
Acenaphthene	µg/L		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	µg/L		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	µg/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U						
Benzo(a)anthracene	µg/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U						
Benzo(a)pyrene	µg/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U						
Benzo(b)fluoranthene	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U						
Benzo(g,h,i)perylene	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U						
Benzo(k)fluoranthene	µg/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U						
Chrysene	µg/L		0.1 U	0.1 U	0.1 U	0.1 U		1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	µg/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U						
Fluoranthene	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U						
Fluorene	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U						
Indeno(1,2,3-cd)pyrene	µg/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U						
Naphthalene	µg/L		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Phenanthrene	µg/L		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U						
Pyrene	µg/L		0.2 U	0.2 U	0.2 U	0.2 U		0.4 U	0.2 U					
Total PAHs (calculated)	µg/L		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
		MW-2 1/18/2001	MW-2 4/5/2001	MW2 7/12/2001	MWA 7/12/2001 Field dup	MW-2 10/8/2001	MW-A 10/8/2001 Field dup	MW-2 10/9/2001	MW-A 10/9/2001 Field dup	MW-2 1/15/2002	MW-A 1/15/2002 Field dup	MW 2 4/10/2002	MW A 4/10/2002 Field dup	
<b>Conventionals</b>														
Alkalinity	mg/L													
Ammonia as Nitrogen	mg/L													
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L													
Dissolved Bicarbonate	mg/L													
Chemical Oxygen Demand	mg/L													
Chloride	mg/L													
Coliforms	MPN/100 mL													
Conductivity	umhos/cm													
Specific Conductance	mS/cm													
Dissolved Oxygen	mg/L													
Eh	mV													
Ethane	µg/L													
Ethene	µg/L													
Ferrous Iron	mg/L													
Methane	µg/L													
Nitrate as Nitrogen	mg/L													
Nitrate+Nitrite as Nitrogen	mg/L													
Nitrite as Nitrogen	mg/L													
pH	--													
Sulfate	mg/L													
Sulfide	mg/L													
Temperature	C													
Total Dissolved Solids	mg/L													
Total Organic Carbon	mg/L													
Total Suspended Solids	mg/L	5 U	6 UJB	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tannin and Lignin	mg/L													
Turbidity	NTU													
<b>Metals</b>														
Copper	mg/L													
Iron	mg/L													
<b>Dissolved Metals</b>														
Arsenic	mg/L													
Barium	mg/L													
Cadium	mg/L													
Calcium	mg/L	11	0.0111	10.6	10.6	11.6	11.2	11.6	11.2	11.3	11	11.9	12.4	
Copper	mg/L													
Iron	mg/L	0.02 U	0.00002 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Magnesium	mg/L	6.67	0.007	6.66	6.56	7.45	7.23	7.45	7.23	7.17	6.98	7.58	7.83	
Manganese	mg/L					2 U		2 U		2 U		2 U		
Nickel	mg/L													
Potassium	mg/L	2 U	0.002 U	2 U	2 U	5.69	2 U	5.69	2 U	5.69	2 U	5.93	2 U	
Sodium	mg/L	5.53	0.00518	5.66	5.52		5.69		5.69		5.37		6.07	
Zinc	mg/L													
<b>TPH</b>														
Diesel	µg/L													
Heavy Fuel Oil	µg/L													
Jet Fuel as Jet A	µg/L													
Kerosene	µg/L													
Lube Oil	µg/L													
Mineral Spirits	µg/L													
Non-PHC as Diesel	µg/L													
PHC as Diesel	µg/L													
Diesel Range Organics	µg/L													
Residual Range Organics	µg/L													
<b>Phenols</b>														
Phenol	µg/L													
2-Chlorophenol	µg/L													
2,4-Dichlorophenol	µg/L													
2,6-Dichlorophenol	µg/L													
3,4-Dichlorophenol	µg/L													
3,5-Dichlorophenol	µg/L													
2,4,5-Trichlorophenol	µg/L													
2,4,6-Trichlorophenol	µg/L													
2,3,4,5-Tetrachlorophenol	µg/L													
2,3,5,6-Tetrachlorophenol	µg/L													
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.06 U	0.06 U	0.2 U	0.2 U	
2-Methylphenol	µg/L													
4-Methylphenol	µg/L													
2,4-Dimethylphenol	µg/L													
2-Nitrophenol	µg/L													
4-Nitrophenol	µg/L													
2,4-Dinitrophenol	µg/L													
4,6-Dinitro-2-methylphenol	µg/L													
4-Chloro-3-methylphenol	µg/L													
Total Tetrachlorophenols	µg/L													
<b>PAHs</b>														
2-Methylnaphthalene	µg/L													
Acenaphthene	µg/L													
Acenaphthylene	µg/L													
Anthracene	µg/L													
Benzo(a)anthracene	µg/L													
Benzo(a)pyrene	µg/L													
Benzo(b)fluoranthene	µg/L													
Benzo(g,h,i)perylene	µg/L													
Benzo(k)fluoranthene	µg/L													
Chrysene	µg/L													
Dibenz(a,h)anthracene	µg/L													
Fluoranthene	µg/L													
Fluorene	µg/L													
Indeno(1,2,3-cd)pyrene	µg/L													
Naphthalene	µg/L													
Phenanthrene	µg/L													
Pyrene	µg/L													
Total PAHs (calculated)	µg/L													

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
		MW-2 7/10/2002	MW-A 7/10/2002 Field dup	GW1006 10/23/2002	MW-2 1/17/2003	MW-A 1/17/2003 Field dup	MW-2 4/8/2003	MW-A 4/8/2003 Field dup	MW-2 7/16/2003	MW-A 7/16/2003 Field dup	MW-2 2/13/2004	MW-2 7/14/2004	MW-2 1/11/2005
<b>Conventionals</b>													
Alkalinity	mg/L												
Ammonia as Nitrogen	mg/L												
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L												
Dissolved Bicarbonate	mg/L												
Chemical Oxygen Demand	mg/L												
Chloride	mg/L				10.3	10.4							
Coliforms	MPN/100 mL												
Conductivity	umhos/cm												
Specific Conductance	mS/cm			0.191	0.157		0.18		0.182		0.163	0.211	0.182
Dissolved Oxygen	mg/L			6.3	8.97		6.48		7.5		9.96	8.21	10.74
Eh	mV			419	224		412		262		159	242	4
Ethane	µg/L												
Ethene	µg/L												
Ferrous Iron	mg/L												
Methane	µg/L												
Nitrate as Nitrogen	mg/L												
Nitrate+Nitrite as Nitrogen	mg/L												
Nitrite as Nitrogen	mg/L												
pH	--			6.09	5.84		5.7		5.82		3.12	5.4	5.69
Sulfate	mg/L												
Sulfide	mg/L												
Temperature	C			11.6	11.1		12.5		13.35		11.25	12.31	10.98
Total Dissolved Solids	mg/L												
Total Organic Carbon	mg/L												
Total Suspended Solids	mg/L	5 U	5 U	5	5	5	5 U	5 U	5	5	5 U	5 U	5 U
Tannin and Lignin	mg/L												
Turbidity	NTU												
<b>Metals</b>													
Copper	mg/L				0.004 U	0.004 U							
Iron	mg/L				0.02 U	0.02 U							
<b>Dissolved Metals</b>													
Arsenic	mg/L												
Barium	mg/L												
Cadium	mg/L												
Calcium	mg/L	14.4	14.8		11.7	12	13.5	12.9	12.5	12.9	11.7	13.7	13
Copper	mg/L												
Iron	mg/L	0.02 U	0.02 U	0.0351 UJ	0.02 U	0.02 U	0.02 U	0.02 U	0.004 U	0.004 U	0.0114 U	0.02 U	0.02 U
Magnesium	mg/L	8.85	9.16	8.18	7.54	7.74	8.4	8.1	8.19	8.44	7.56	8.71	8.28
Manganese	mg/L	2 U											
Nickel	mg/L												
Potassium	mg/L	6.44	2 U	1.31 B	1.18 B	0.784 B	1.1 J	1.62 J	1.26 B	1.3 B	1.28 B	1.25 B	0.964 B
Sodium	mg/L		6.62	6	5.65	5.82	5.99	5.85	5.51	5.63	5.44	5.79	5.74
Zinc	mg/L												
<b>TPH</b>													
Diesel	µg/L												
Heavy Fuel Oil	µg/L												
Jet Fuel as Jet A	µg/L												
Kerosene	µg/L												
Lube Oil	µg/L												
Mineral Spirits	µg/L												
Non-PHC as Diesel	µg/L												
PHC as Diesel	µg/L												
Diesel Range Organics	µg/L			45 U	100 J	74 J							
Residual Range Organics	µg/L			30 U	500 U	30 U							
<b>Phenols</b>													
Phenol	µg/L												
2-Chlorophenol	µg/L												
2,4-Dichlorophenol	µg/L												
2,6-Dichlorophenol	µg/L												
3,4-Dichlorophenol	µg/L			0.2 U	0.2 U	0.2 U					2 U	2 U	0.3 U
3,5-Dichlorophenol	µg/L			0.2 U	0.2 U	0.2 U					2 U	2 U	0.65 U
2,4,5-Trichlorophenol	µg/L			0.5 U	0.5 UJ	0.5 UJ					0.33 U	0.5 U	0.27 U
2,4,6-Trichlorophenol	µg/L			0.03 UJ	0.03 U	0.03 U					0.17 U	0.16 U	0.096 U
2,3,4,5-Tetrachlorophenol	µg/L												
2,3,5,6-Tetrachlorophenol	µg/L												
Pentachlorophenol	µg/L	0.2 U	0.2 U	0.06 U	0.06 U	0.06 U	0.5 U	0.5 U	0.2 J	0.06 U	0.12 U	0.095 U	0.29 U
2-Methylphenol	µg/L												
4-Methylphenol	µg/L												
2,4-Dimethylphenol	µg/L												
2-Nitrophenol	µg/L												
4-Nitrophenol	µg/L												
2,4-Dinitrophenol	µg/L												
4,6-Dinitro-2-methylphenol	µg/L												
4-Chloro-3-methylphenol	µg/L												
Total Tetrachlorophenols	µg/L			0.4 U	0.4 U	0.4 U					0.82 U	0.26 U	0.66 U
<b>PAHs</b>													
2-Methylnaphthalene	µg/L			0.02 J	0.0036 J	0.0029 J							
Acenaphthene	µg/L			0.002 U	0.002 U	0.002 U							
Acenaphthylene	µg/L			0.0018 U	0.0018 U	0.0018 U							
Anthracene	µg/L			0.0011 U	0.0015 J	0.0013 J							
Benzo(a)anthracene	µg/L			0.0021 U	0.0021 U	0.0021 U							
Benzo(a)pyrene	µg/L			0.0016 U	0.0016 U	0.0016 U							
Benzo(b)fluoranthene	µg/L			0.002 U	0.002 U	0.002 U							
Benzo(g,h,i)perylene	µg/L			0.0037 U	0.0037 U	0.0037 U							
Benzo(k)fluoranthene	µg/L			0.0014 U	0.0014 U	0.0014 U							
Chrysene	µg/L			0.0013 U	0.02 U	0.0013 U							
Dibenz(a,h)anthracene	µg/L			0.0017 U	0.0017 U	0.0017 U							
Fluoranthene	µg/L			0.0024 U	0.02 U	0.0024 U							
Fluorene	µg/L			0.0034 J	0.0026 U	0.0026 U							
Indeno(1,2,3-cd)pyrene	µg/L			0.0021 U	0.0021 U	0.0021 U							
Naphthalene	µg/L			0.0075 J	0.02 U	0.02 U							
Phenanthrene	µg/L			0.02 U	0.02 U	0.0032 U							
Pyrene	µg/L			0.0023 U	0.0023 U	0.0023 U							
Total PAHs (calculated)	µg/L			0.0109	0.0015	0.0013							

Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Unit	Station	MW-2	MW-2	MW-2	MW-2	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	
		Sample ID	MW-2	MW-2	MW2	MW-2	MW-3	MW-3	MW-3	MW-3-B	MW-3	MW-3-A	MW-3	MW-3
		Date	11/3/2005	2/16/2006	5/22/2006	8/9/2006	8/1/1990	8/29/1990	8/1/1991	8/1/1991	10/1/1991	10/1/1991	8/1/1992	3/1/1993
<b>Conventionals</b>														
Alkalinity	mg/L		34	34										
Ammonia as Nitrogen	mg/L													
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L													
Dissolved Bicarbonate	mg/L													
Chemical Oxygen Demand	mg/L													
Chloride	mg/L		9	6.6										
Coliforms	MPN/100 mL													
Conductivity	umhos/cm													
Specific Conductance	mS/cm													
Dissolved Oxygen	mg/L		7.9	7.6	7.2	4.7								
Eh	mV		324	253	409	388								
Ethane	µg/L		0.35 U	0.38 U										
Ethene	µg/L		0.55 U	0.55 U										
Ferrous Iron	mg/L		0 U	0 U										
Methane	µg/L		0.3 U	0.3 U										
Nitrate as Nitrogen	mg/L		1.8	1.7										
Nitrate+Nitrite as Nitrogen	mg/L													
Nitrite as Nitrogen	mg/L													
pH	--		6	6.36	6.03	6.1								
Sulfate	mg/L		22.5	17.1										
Sulfide	mg/L													
Temperature	C		11.1	11.1	11.4	11.7								
Total Dissolved Solids	mg/L													
Total Organic Carbon	mg/L													
Total Suspended Solids	mg/L													
Tannin and Lignin	mg/L													
Turbidity	NTU		3	47	1	0								
<b>Metals</b>														
Copper	mg/L													
Iron	mg/L													
<b>Dissolved Metals</b>														
Arsenic	mg/L													
Barium	mg/L													
Cadium	mg/L													
Calcium	mg/L													
Copper	mg/L													
Iron	mg/L													
Magnesium	mg/L													
Manganese	mg/L													
Nickel	mg/L													
Potassium	mg/L													
Sodium	mg/L													
Zinc	mg/L													
<b>TPH</b>														
Diesel	µg/L													
Heavy Fuel Oil	µg/L													
Jet Fuel as Jet A	µg/L													
Kerosene	µg/L													
Lube Oil	µg/L													
Mineral Spirits	µg/L													
Non-PHC as Diesel	µg/L													
PHC as Diesel	µg/L													
Diesel Range Organics	µg/L													
Residual Range Organics	µg/L													
<b>Phenols</b>														
Phenol	µg/L								10 U					
2-Chlorophenol	µg/L								10 U					
2,4-Dichlorophenol	µg/L								10 U					
2,6-Dichlorophenol	µg/L													
3,4-Dichlorophenol	µg/L													
3,5-Dichlorophenol	µg/L													
2,4,5-Trichlorophenol	µg/L								50 U					
2,4,6-Trichlorophenol	µg/L								10 U					
2,3,4,5-Tetrachlorophenol	µg/L													
2,3,5,6-Tetrachlorophenol	µg/L													
Pentachlorophenol	µg/L		0.29 U	0.29 U	0.13 U	0.13 U	10 U	50 U	440	440	210	210	250	190
2-Methylphenol	µg/L								10 U					
4-Methylphenol	µg/L								10 U					
2,4-Dimethylphenol	µg/L								10 U					
2-Nitrophenol	µg/L								10 U					
4-Nitrophenol	µg/L								50 U					
2,4-Dinitrophenol	µg/L								50 U					
4,6-Dinitro-2-methylphenol	µg/L								50 U					
4-Chloro-3-methylphenol	µg/L								10 U					
Total Tetrachlorophenols	µg/L													
<b>PAHs</b>														
2-Methylnaphthalene	µg/L		0.02 U	0.0027 U	0.02 U	0.0042 U			10 U					
Acenaphthene	µg/L		0.002 U	0.002 U	0.002 U	0.0031 U			10 U					
Acenaphthylene	µg/L		0.02 U	0.0018 U	0.0018 U	0.0023 U			10 U					
Anthracene	µg/L		0.0011 U	0.0011 U	0.0011 U	0.0039 U			10 U					
Benzo(a)anthracene	µg/L		0.0021 U	0.0021 U	0.0021 U	0.0039 U			10 U					
Benzo(a)pyrene	µg/L		0.0016 U	0.0016 U	0.0016 U	0.0043 U			10 U					
Benzo(b)fluoranthene	µg/L		0.002 U	0.002 U	0.002 U	0.0046 U			10 U					
Benzo(g,h,i)perylene	µg/L		0.0037 U	0.0037 U	0.0037 U	0.0041 U			10 U					
Benzo(k)fluoranthene	µg/L		0.0014 U	0.0014 U	0.0014 U	0.0051 U			10 U					
Chrysene	µg/L		0.0013 U	0.02 U	0.0013 U	0.0053 U			10 U					
Dibenz(a,h)anthracene	µg/L		0.0017 U	0.0017 U	0.0017 U	0.0036 U			10 U					
Fluoranthene	µg/L		0.0024 U	0.0024 U	0.0024 U	0.0047 U			10 U					
Fluorene	µg/L		0.0026 U	0.0026 U	0.0026 U	0.0036 U			10 U					
Indeno(1,2,3-cd)pyrene	µg/L		0.0021 U	0.0021 U	0.0021 U	0.0033 U			10 U					
Naphthalene	µg/L		0.02 U	0.02 U	0.02 U	0.0066 U			10 U					
Phenanthrene	µg/L		0.0032 U	0.0032 U	0.02 U	0.0032 U			10 U					
Pyrene	µg/L		0.0023 U	0.0023 U	0.0023 U	0.0047 U			10 U					
Total PAHs (calculated)	µg/L		0.02 U	0.02 U	0.02 U	0.0066 U			10 U					

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
		MW-3 6/1/1993	MW-3 12/1/1993	MW-3 8/15/1994	MW-3 11/29/1994	MW-3 2/15/1995	MW-3 4/26/1995	MW-3 7/31/1995	MW-3 10/9/1995	MW-3 1/10/1996	MW-3 4/17/1996	MW-3 7/17/1996	MW-3 9/25/1996
Unit													
<b>Conventionals</b>													
Alkalinity	mg/L		42	35	31	41.5	38.5	27	30.5	41	42.5	44.5	
Ammonia as Nitrogen	mg/L												
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L												
Dissolved Bicarbonate	mg/L		42	35	31	41.5	38.5	27	30.5	41	43	44.5	
Chemical Oxygen Demand	mg/L												
Chloride	mg/L		7.7	6.4	7.9	6.9	7.05	7.05	5.15	5.75	5.25	5.45	
Coliforms	MPN/100 mL												
Conductivity	umhos/cm												
Specific Conductance	mS/cm												
Dissolved Oxygen	mg/L												
Eh	mV												
Ethane	µg/L												
Ethene	µg/L												
Ferrous Iron	mg/L												
Methane	µg/L												
Nitrate as Nitrogen	mg/L												
Nitrate+Nitrite as Nitrogen	mg/L												
Nitrite as Nitrogen	mg/L												
pH	--												
Sulfate	mg/L		9.7	10	9	9.05	11	10.7	10.5	10.65	9.1	10.35	
Sulfide	mg/L												
Temperature	C												
Total Dissolved Solids	mg/L												
Total Organic Carbon	mg/L		4.3	3.8	1.25	0.8	2.65	3.7	1.5	2	1.75	2.7	
Total Suspended Solids	mg/L												
Tannin and Lignin	mg/L												
Turbidity	NTU												
<b>Metals</b>													
Copper	mg/L												
Iron	mg/L												
<b>Dissolved Metals</b>													
Arsenic	mg/L												
Barium	mg/L												
Cadium	mg/L												
Calcium	mg/L		11.2	9.56	9.4	9.93	9.79	9.07	7.8	9.39	10.15	11	
Copper	mg/L												
Iron	mg/L		0.312	0.989	0.0285	0.02 U	0.082	0.198	0.078	0.02 U	0.02 U	0.02 U	
Magnesium	mg/L		6.82	6.62	6.3	6.74	6.48	5.9	5.27	6.31	6.98	7.47	
Manganese	mg/L		1.18	0.27	0.362	0.277	0.475	0.583	0.1765	0.193	0.203	0.258	
Nickel	mg/L												
Potassium	mg/L				2.68						2.5		
Sodium	mg/L		4.5	4.71	4.39	4.77	4.58	4.515	4.01	4.465	4.7	4.72	
Zinc	mg/L												
<b>TPH</b>													
Diesel	µg/L												
Heavy Fuel Oil	µg/L												
Jet Fuel as Jet A	µg/L												
Kerosene	µg/L												
Lube Oil	µg/L												
Mineral Spirits	µg/L												
Non-PHC as Diesel	µg/L												
PHC as Diesel	µg/L												
Diesel Range Organics	µg/L												
Residual Range Organics	µg/L												
<b>Phenols</b>													
Phenol	µg/L												
2-Chlorophenol	µg/L												
2,4-Dichlorophenol	µg/L												
2,6-Dichlorophenol	µg/L												
3,4-Dichlorophenol	µg/L												
3,5-Dichlorophenol	µg/L												
2,4,5-Trichlorophenol	µg/L												
2,4,6-Trichlorophenol	µg/L												
2,3,4,5-Tetrachlorophenol	µg/L												
2,3,5,6-Tetrachlorophenol	µg/L												
Pentachlorophenol	µg/L	430	750	230	480		3.4	145	115	470	135	300	320
2-Methylphenol	µg/L												
4-Methylphenol	µg/L												
2,4-Dimethylphenol	µg/L												
2-Nitrophenol	µg/L												
4-Nitrophenol	µg/L												
2,4-Dinitrophenol	µg/L												
4,6-Dinitro-2-methylphenol	µg/L												
4-Chloro-3-methylphenol	µg/L												
Total Tetrachlorophenols	µg/L												
<b>PAHs</b>													
2-Methylnaphthalene	µg/L												
Acenaphthene	µg/L												
Acenaphthylene	µg/L												
Anthracene	µg/L												
Benzo(a)anthracene	µg/L												
Benzo(a)pyrene	µg/L												
Benzo(b)fluoranthene	µg/L												
Benzo(g,h,i)perylene	µg/L												
Benzo(k)fluoranthene	µg/L												
Chrysene	µg/L												
Dibenz(a,h)anthracene	µg/L												
Fluoranthene	µg/L												
Fluorene	µg/L												
Indeno(1,2,3-cd)pyrene	µg/L												
Naphthalene	µg/L												
Phenanthrene	µg/L												
Pyrene	µg/L												
Total PAHs (calculated)	µg/L												

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Unit	Station	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	
		Sample ID	MW-3	MW-3	MW-3	MW-3	MW-3	MW-6	MW-3	MW-6	MW-3	MW-6	MW-3	MW-6
		Date	1/13/1997	4/9/1997	8/6/1997	10/6/1997	1/14/1998	1/14/1998	4/15/1998	4/15/1998	7/15/1998	7/15/1998	10/6/1998	10/6/1998
								Field dup		Field dup		Field dup		Field dup
<b>Conventionals</b>														
Alkalinity	mg/L		40.5	73	56.5	40	38	36	52	73	57	62	42	40
Ammonia as Nitrogen	mg/L													
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L						38	36	52	73	57	62	42	40
Dissolved Bicarbonate	mg/L		40.5	73	56.5	40								
Chemical Oxygen Demand	mg/L													
Chloride	mg/L		6.65	9.85	6.85	5.2	5	5	5.5	5.6	4.8	5.4	5.8	5.5
Coliforms	MPN/100 mL													
Conductivity	umhos/cm													
Specific Conductance	mS/cm													
Dissolved Oxygen	mg/L													
Eh	mV													
Ethane	µg/L													
Ethene	µg/L													
Ferrous Iron	mg/L													
Methane	µg/L													
Nitrate as Nitrogen	mg/L													
Nitrate+Nitrite as Nitrogen	mg/L													
Nitrite as Nitrogen	mg/L													
pH	--													
Sulfate	mg/L		10.45	9.9	9.7	12.75					14.2	13.9		
Sulfide	mg/L						12.8	12	12.5	13.2			12.9	12
Temperature	C													
Total Dissolved Solids	mg/L													
Total Organic Carbon	mg/L		1.95	3.2	3.6	2.85	1.7	2.2	3.1	2.8	3	2.6	1.4	0.5 U
Total Suspended Solids	mg/L													
Tannin and Lignin	mg/L													
Turbidity	NTU													
<b>Metals</b>														
Copper	mg/L													
Iron	mg/L													
<b>Dissolved Metals</b>														
Arsenic	mg/L													
Barium	mg/L													
Cadium	mg/L													
Calcium	mg/L		11.05	18.1	14.1	10.7	9.64	9.96	13.1	12.7	13.8	13.4	9.63	9.57
Copper	mg/L													
Iron	mg/L		0.026	0.108	0.02 U	0.02 U	0.02 U	0.02 U	0.059	0.072	0.02 U	0.02 U	0.059	0.063
Magnesium	mg/L		7.27	11.4	8.68	6.8	6.13	6.33	8.16	7.87	8.75	8.53	6.47	6.43
Manganese	mg/L		0.136	0.013	0.0085	0.027	0.033	0.035	0.014	0.014	0.015	0.014	0.248	0.249
Nickel	mg/L													
Potassium	mg/L		2.7	2.65			2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Sodium	mg/L		4.825	6.43	5.485	4.92	4.7	4.89	5.46	5.26	5.22	5.12	5.33	5.32
Zinc	mg/L													
<b>TPH</b>														
Diesel	µg/L													
Heavy Fuel Oil	µg/L													
Jet Fuel as Jet A	µg/L													
Kerosene	µg/L													
Lube Oil	µg/L													
Mineral Spirits	µg/L													
Non-PHC as Diesel	µg/L													
PHC as Diesel	µg/L													
Diesel Range Organics	µg/L													
Residual Range Organics	µg/L													
<b>Phenols</b>														
Phenol	µg/L						0.2 U							
2-Chlorophenol	µg/L						0.2 U							
2,4-Dichlorophenol	µg/L						0.2 U							
2,6-Dichlorophenol	µg/L													
3,4-Dichlorophenol	µg/L													
3,5-Dichlorophenol	µg/L													
2,4,5-Trichlorophenol	µg/L													
2,4,6-Trichlorophenol	µg/L						0.2 U							
2,3,4,5-Tetrachlorophenol	µg/L													
2,3,5,6-Tetrachlorophenol	µg/L													
Pentachlorophenol	µg/L		58.5	0.9	17.5	295	220	200	27	28	510	500	570	670
2-Methylphenol	µg/L													
4-Methylphenol	µg/L													
2,4-Dimethylphenol	µg/L						0.2 U							
2-Nitrophenol	µg/L						0.2 U							
4-Nitrophenol	µg/L						0.5 U							
2,4-Dinitrophenol	µg/L						0.5 U							
4,6-Dinitro-2-methylphenol	µg/L						0.5 U							
4-Chloro-3-methylphenol	µg/L						0.2 U							
Total Tetrachlorophenols	µg/L													
<b>PAHs</b>														
2-Methylnaphthalene	µg/L													
Acenaphthene	µg/L						1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
Acenaphthylene	µg/L						1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U
Anthracene	µg/L						0.1 U	0.1 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.1 U
Benzo(a)anthracene	µg/L						0.1 U	0.1 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.1 U
Benzo(a)pyrene	µg/L						0.1 U	0.1 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	µg/L						0.2 U	0.2 U	0.2 U	0.2 U	2 U	2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L						0.2 U	0.2 U	0.2 U	0.2 U	2 U	2 U	0.2 U	0.2 U
Benzo(k)fluoranthene	µg/L						0.1 U	0.1 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.1 U
Chrysene	µg/L						0.1 U	0.1 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	µg/L						0.1 U	0.1 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.1 U
Fluoranthene	µg/L						0.2 U	0.2 U	0.2 U	0.2 U	2 U	2 U	0.2 U	0.2 U
Fluorene	µg/L						0.2 U	0.2 U	0.2 U	0.2 U	2 U	2 U	0.2 U	0.2 U
Indeno(1,2,3-cd)pyrene	µg/L						0.1 U	0.1 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.1 U
Naphthalene	µg/L						1 U	1 U	1 U	1 U	10 U	10 U	1.7	2.4
Phenanthrene	µg/L						0.1 U	0.1 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.1 U
Pyrene	µg/L						0.2 U	0.2 U	0.2 U	0.2 U	2 U	2 U	0.2 U	0.2 U
Total PAHs (calculated)	µg/L						1 U	1 U	1 U	1 U	10 U	10 U	1.9	2.6

Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date	MW-3	MW-3										
		MW-3 1/12/1999	MW-6 1/12/1999 Field dup	MW-3 1/21/1999	MW-6 1/21/1999 Field dup	MW-3 4/13/1999	MW-6 4/13/1999 Field dup	MW-3 7/21/1999	MW-6 7/21/1999 Field dup	MW-3 10/5/1999	MW-6 10/5/1999 Field dup	MW-3 1/13/2000	MW-6 1/13/2000 Field dup
<b>Conventionals</b>													
Alkalinity	mg/L	40	40			66	68	61	61	48	47	53	51
Ammonia as Nitrogen	mg/L												
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L	40	40			66	68	61	61	48	47	53	51
Dissolved Bicarbonate	mg/L												
Chemical Oxygen Demand	mg/L												
Chloride	mg/L	6	6			9.5	9.4	6.1	6.1	5.1	5.4	10.6	10.9
Coliforms	MPN/100 mL	2 U	2 U										
Conductivity	umhos/cm												
Specific Conductance	mS/cm												
Dissolved Oxygen	mg/L												
Eh	mV												
Ethane	µg/L												
Ethene	µg/L												
Ferrous Iron	mg/L												
Methane	µg/L												
Nitrate as Nitrogen	mg/L												
Nitrate+Nitrite as Nitrogen	mg/L												
Nitrite as Nitrogen	mg/L												
pH	--												
Sulfate	mg/L					15	16.3					15.9	16
Sulfide	mg/L	13.6	13.6					15.5	15.4	17.1	16.9		
Temperature	C												
Total Dissolved Solids	mg/L												
Total Organic Carbon	mg/L	1.8	1.7			2.1	2.6	2.1	1.9	0.7	2.9	1.5	1.5
Total Suspended Solids	mg/L									4 U		4 U	4 U
Tannin and Lignin	mg/L												
Turbidity	NTU												
<b>Metals</b>													
Copper	mg/L												
Iron	mg/L												
<b>Dissolved Metals</b>													
Arsenic	mg/L												
Barium	mg/L												
Cadium	mg/L												
Calcium	mg/L	10.5	79.1				16.4	16	16.7	12.7	12.2	15.3	15
Copper	mg/L												
Iron	mg/L	0.084	1.16				0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Magnesium	mg/L	7	60.1				10.7	9.9	10.4	8.31	8.02	9.62	9.49
Manganese	mg/L	0.191	1.7				0.01	0.017	0.017	0.076	0.072	0.012	0.011
Nickel	mg/L												
Potassium	mg/L	2 U	3.9				2.3	2 U	2 U	2 U	2 U	3.2	2.8
Sodium	mg/L	5.48	12.3				5.58	5.58	5.87	5.67	5.49	5.36	5.3
Zinc	mg/L												
<b>TPH</b>													
Diesel	µg/L											250 U	
Heavy Fuel Oil	µg/L											500 U	
Jet Fuel as Jet A	µg/L											250 U	
Kerosene	µg/L											250 U	
Lube Oil	µg/L											500 U	
Mineral Spirits	µg/L											250 U	
Non-PHC as Diesel	µg/L											500 U	
PHC as Diesel	µg/L											500 U	
Diesel Range Organics	µg/L												
Residual Range Organics	µg/L												
<b>Phenols</b>													
Phenol	µg/L			0.2 U	0.2 U								
2-Chlorophenol	µg/L			0.2 U	0.2 U								
2,4-Dichlorophenol	µg/L			0.2 U	0.2 U								
2,6-Dichlorophenol	µg/L												
3,4-Dichlorophenol	µg/L												
3,5-Dichlorophenol	µg/L												
2,4,5-Trichlorophenol	µg/L												
2,4,6-Trichlorophenol	µg/L			0.2 U	0.2 U								
2,3,4,5-Tetrachlorophenol	µg/L												
2,3,5,6-Tetrachlorophenol	µg/L												
Pentachlorophenol	µg/L			360	280	3.9	3.9	300	230	870	560	0.5 U	0.5 U
2-Methylphenol	µg/L												
4-Methylphenol	µg/L												
2,4-Dimethylphenol	µg/L			0.2 U	0.2 U								
2-Nitrophenol	µg/L			0.2 U	0.2 U								
4-Nitrophenol	µg/L			0.5 U	0.5 U								
2,4-Dinitrophenol	µg/L			0.5 U	0.5 U								
4,6-Dinitro-2-methylphenol	µg/L			0.5 U	0.5 U								
4-Chloro-3-methylphenol	µg/L			0.2 U	0.2 U								
Total Tetrachlorophenols	µg/L												
<b>PAHs</b>													
2-Methylnaphthalene	µg/L												
Acenaphthene	µg/L			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	µg/L			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	µg/L			0.1 U	0.1 U								
Benzo(a)anthracene	µg/L			0.1 U	0.1 U								
Benzo(a)pyrene	µg/L			0.1 U	0.1 U								
Benzo(b)fluoranthene	µg/L			0.2 U	0.2 U								
Benzo(g,h,i)perylene	µg/L			0.2 U	0.2 U								
Benzo(k)fluoranthene	µg/L			0.1 U	0.1 U								
Chrysene	µg/L			1 U	1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	µg/L			0.1 U	0.1 U								
Fluoranthene	µg/L			0.2 U	0.2 U								
Fluorene	µg/L			0.2 U	0.2 U								
Indeno(1,2,3-cd)pyrene	µg/L			0.1 U	0.1 U								
Naphthalene	µg/L			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Phenanthrene	µg/L			0.1 U	0.1 U								
Pyrene	µg/L			0.4 U	0.4 U	0.2 U	0.2 U						
Total PAHs (calculated)	µg/L			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
		MW-3 4/18/2000	MW-6 4/18/2000 Field dup	MW-3 10/4/2000	MW-6 10/4/2000 Field dup	MW-3 4/5/2001	MW-A 4/5/2001 Field dup	MW-3 10/8/2001	MW-3 4/10/2002	MW-3 GW1014 10/25/2002	MW-3 1/21/2003	MW-3 4/10/2003	MW-3 7/21/2003
Unit													
<b>Conventionals</b>													
Alkalinity	mg/L	73	72										
Ammonia as Nitrogen	mg/L												
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L	73	72										
Dissolved Bicarbonate	mg/L												
Chemical Oxygen Demand	mg/L												
Chloride	mg/L	7.7	7.8							5	5.1	7	6.6
Coliforms	MPN/100 mL												
Conductivity	umhos/cm	170	165										
Specific Conductance	mS/cm									0.14	0.154	0.202	0.18
Dissolved Oxygen	mg/L									0.96	3.97	3.72	1.16
Eh	mV									421	175	349	117
Ethane	µg/L												
Ethene	µg/L												
Ferrous Iron	mg/L												
Methane	µg/L												
Nitrate as Nitrogen	mg/L	5.91	5.89							6.36	5.81	5.94	6.06
Nitrate+Nitrite as Nitrogen	mg/L												
Nitrite as Nitrogen	mg/L												
pH	--												
Sulfate	mg/L	14.9	14.7							11.2			
Sulfide	mg/L												
Temperature	C									11.1	11.1	11.3	12.24
Total Dissolved Solids	mg/L												
Total Organic Carbon	mg/L	2.3	2										
Total Suspended Solids	mg/L			5 U	5 U	5 U	5 U	5 U	5 U	5	5 U		5 U
Tannin and Lignin	mg/L												
Turbidity	NTU												
<b>Metals</b>													
Copper	mg/L										0.004 U	0.0214	
Iron	mg/L										0.02 U	0.02 U	
<b>Dissolved Metals</b>													
Arsenic	mg/L												
Barium	mg/L												
Cadium	mg/L												
Calcium	mg/L	18	17.8	11.3	11.4	0.0126	0.0126	12	11.8		12.6		12.8
Copper	mg/L												
Iron	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.00002 U	0.00002 U	0.02 U	0.02 U	0.02 U	0.02 U		0.0069 U
Magnesium	mg/L	11.5	11.2	7.71	7.8	0.00845	0.00847	8.02	8.03	8.39	8.31		8.93
Manganese	mg/L	0.016	0.017										
Nickel	mg/L												
Potassium	mg/L	2	3	2 U	2 U	0.0022	0.002 U	2 U	2 U	1.39 B	1.89 B		1.42 B
Sodium	mg/L	6.3	6.2	6.2	6.3	0.00551	0.00552	5.68	5.63	6	6.31		5.96
Zinc	mg/L												
<b>TPH</b>													
Diesel	µg/L												
Heavy Fuel Oil	µg/L												
Jet Fuel as Jet A	µg/L												
Kerosene	µg/L												
Lube Oil	µg/L												
Mineral Spirits	µg/L												
Non-PHC as Diesel	µg/L												
PHC as Diesel	µg/L												
Diesel Range Organics	µg/L									340 Z	250 Z	500 Z	
Residual Range Organics	µg/L									30 U	500 U	54 U	
<b>Phenols</b>													
Phenol	µg/L	0.2 U	0.2 U										
2-Chlorophenol	µg/L	0.2 U	0.2 U							0.33 U			
2,4-Dichlorophenol	µg/L	0.2 U	0.2 U							0.32 U			
2,6-Dichlorophenol	µg/L									0.65 U			
3,4-Dichlorophenol	µg/L									20 U	20 U		200 U
3,5-Dichlorophenol	µg/L									20 U	20 U		200 U
2,4,5-Trichlorophenol	µg/L									50 U	50 U		33 U
2,4,6-Trichlorophenol	µg/L	0.2 U	0.2 U							3 U	3 U	3 U	17 U
2,3,4,5-Tetrachlorophenol	µg/L											20 U	
2,3,5,6-Tetrachlorophenol	µg/L									43		110	
Pentachlorophenol	µg/L	680	640	1100	960	1200	1200	440 J	270	780	800	1400	1800
2-Methylphenol	µg/L												
4-Methylphenol	µg/L												
2,4-Dimethylphenol	µg/L	0.2 U	0.2 U										
2-Nitrophenol	µg/L	0.2 U	0.2 U										
4-Nitrophenol	µg/L	0.5 U	0.5 U										
2,4-Dinitrophenol	µg/L	0.5 U	0.5 U										
4,6-Dinitro-2-methylphenol	µg/L	0.5 U	0.5 U										
4-Chloro-3-methylphenol	µg/L	0.2 U	0.2 U										
Total Tetrachlorophenols	µg/L									56 J	60 J		140
<b>PAHs</b>													
2-Methylnaphthalene	µg/L									0.02 U	0.45 U	0.65	
Acenaphthene	µg/L	1 U	1 U							0.035	0.046 U	0.17	
Acenaphthylene	µg/L	1 U	1 U							0.0097 J	0.045	0.072	
Anthracene	µg/L	0.1 U	0.1 U							0.0011 U	0.02 U	0.0023 J	
Benzo(a)anthracene	µg/L	0.1 U	0.1 U							0.0021 U	0.0021 U	0.0021 U	
Benzo(a)pyrene	µg/L	0.1 U	0.1 U							0.0016 U	0.0016 U	0.0052 J	
Benzo(b)fluoranthene	µg/L	0.2 U	0.2 U							0.002 U	0.002 U	0.0056 J	
Benzo(g,h,i)perylene	µg/L	0.2 U	0.2 U							0.0037 U	0.0037 U	0.017 J	
Benzo(k)fluoranthene	µg/L	0.1 U	0.1 U							0.0014 U	0.0014 U	0.0054 J	
Chrysene	µg/L	0.1 U	0.1 U							0.02 U	0.0013 U	0.0013 U	
Dibenz(a,h)anthracene	µg/L	0.1 U	0.1 U							0.02 U	0.0017 U	0.015 J	
Fluoranthene	µg/L	0.2 U	0.2 U							0.02 U	0.0024 U	0.0024 U	
Fluorene	µg/L	0.2 U	0.2 U							0.016 J	0.12 U	0.17	
Indeno(1,2,3-cd)pyrene	µg/L	0.1 U	0.1 U							0.02 U	0.0021 U	0.012 J	
Naphthalene	µg/L	1 U	1 U							0.066	2.2	3.3	
Phenanthrene	µg/L	0.1 U	0.1 U							0.02 U	0.02 U	0.021	
Pyrene	µg/L	0.2 U	0.2 U							0.02 U	0.0023 U	0.0034 J	
Total PAHs (calculated)	µg/L	1 U	1 U							0.1267	2.245	3.7989	

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Unit	Station	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-4					
		Sample ID	GW3003	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW3	MW-3	MW-4				
		Date	7/21/2003	10/1/2003	2/19/2004	4/26/2004	7/21/2004	10/18/2004	1/19/2005	11/4/2005	2/16/2006	5/22/2006	8/9/2006	8/29/1990				
<b>Conventionals</b>																		
Alkalinity	mg/L									56	64							
Ammonia as Nitrogen	mg/L																	
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L																	
Dissolved Bicarbonate	mg/L																	
Chemical Oxygen Demand	mg/L																	
Chloride	mg/L		6.6							4.2	7.7							
Coliforms	MPN/100 mL																	
Conductivity	umhos/cm																	
Specific Conductance	mS/cm			0.189	0.157	0.174	0.171	0.158	0.162									
Dissolved Oxygen	mg/L			3.26	4.97	1.45	1.28	8.7	13.3	4.3	2.6	2.9	2					
Eh	mV			206	153	250	226	175	7	229	240	340	383					
Ethane	µg/L									0.35	U	0.38	U					
Ethene	µg/L									0.55	U	0.55	U					
Ferrous Iron	mg/L									0	U	0	U					
Methane	µg/L									5.5	2.4	U						
Nitrate as Nitrogen	mg/L			5.89	3.99	5.64	5.67	5.83	5.35	6.2	6.31	6.04	6.13					
Nitrate+Nitrite as Nitrogen	mg/L																	
Nitrite as Nitrogen	mg/L																	
pH	--									0.4	1.7							
Sulfate	mg/L									11	14.6							
Sulfide	mg/L																	
Temperature	C			12.5	11.09	12.3	11.68	11.33	11.58	10.9	10.8	11.7	11.7					
Total Dissolved Solids	mg/L																	
Total Organic Carbon	mg/L																	
Total Suspended Solids	mg/L			5	U	5	U	5	U	5	U	5	U					
Tannin and Lignin	mg/L																	
Turbidity	NTU									1	220	0	0					
<b>Metals</b>																		
Copper	mg/L		0.008	U														
Iron	mg/L		0.0074	U														
<b>Dissolved Metals</b>																		
Arsenic	mg/L																	
Barium	mg/L																	
Cadium	mg/L																	
Calcium	mg/L			13.3	12.1	13.5	12	11.5	13.4									
Copper	mg/L																	
Iron	mg/L			0.006	U	0.019	U	0.006	U	0.02	U	0.02	U	0.01	U			
Magnesium	mg/L			8.48	7.97	8.49	7.56	7.27	8.44									
Manganese	mg/L																	
Nickel	mg/L																	
Potassium	mg/L			1.82	B	1.34	B	1.74	B	1.34	B	0.767	B	1.29	B			
Sodium	mg/L			6.18	5.63	5.85	5.46	5.5	5.54									
Zinc	mg/L																	
<b>TPH</b>																		
Diesel	µg/L																	
Heavy Fuel Oil	µg/L																	
Jet Fuel as Jet A	µg/L																	
Kerosene	µg/L																	
Lube Oil	µg/L																	
Mineral Spirits	µg/L																	
Non-PHC as Diesel	µg/L																	
PHC as Diesel	µg/L																	
Diesel Range Organics	µg/L		770	Z														
Residual Range Organics	µg/L		54	U														
<b>Phenols</b>																		
Phenol	µg/L													10	U			
2-Chlorophenol	µg/L													10	U			
2,4-Dichlorophenol	µg/L													10	U			
2,6-Dichlorophenol	µg/L																	
3,4-Dichlorophenol	µg/L			2000	U	200	U	200	U	200	U	100	U	30	U			
3,5-Dichlorophenol	µg/L			2000	U	200	U	200	U	200	U	100	U	65	U			
2,4,5-Trichlorophenol	µg/L			330	U	33	U	50	U	50	U	25	U	27	U			
2,4,6-Trichlorophenol	µg/L			170	U	17	U	16	U	16	U	8	U	9.6	U			
2,3,4,5-Tetrachlorophenol	µg/L																	
2,3,5,6-Tetrachlorophenol	µg/L																	
Pentachlorophenol	µg/L			1600		220	320	1100	2200	300	620	390	440	790	50	U		
2-Methylphenol	µg/L													10	U			
4-Methylphenol	µg/L													10	U			
2,4-Dimethylphenol	µg/L													10	U			
2-Nitrophenol	µg/L				27	U	26	U	61	J	130			10	U			
4-Nitrophenol	µg/L													50	U			
2,4-Dinitrophenol	µg/L													50	U			
4,6-Dinitro-2-methylphenol	µg/L													50	U			
4-Chloro-3-methylphenol	µg/L													10	U			
Total Tetrachlorophenols	µg/L			270	U					66	U							
<b>PAHs</b>																		
2-Methylnaphthalene	µg/L		1.3							0.02	U	0.0027	U	0.99	0.079	10	U	
Acenaphthene	µg/L		0.17							0.065	0.035	0.23	0.2	0.049	10	U		
Acenaphthylene	µg/L		0.12							0.02	U	0.02	U	0.08	0.049	10	U	
Anthracene	µg/L		0.0025	J						0.0011	U	0.0011	U	0.0011	U	0.004	U	
Benzo(a)anthracene	µg/L		0.0021	U						0.0021	U	0.0021	U	0.0021	U	0.004	U	
Benzo(a)pyrene	µg/L		0.0016	U						0.0016	U	0.0016	U	0.0016	U	0.004	U	
Benzo(b)fluoranthene	µg/L		0.002	U						0.002	U	0.002	U	0.002	U	0.005	U	
Benzo(g,h,i)perylene	µg/L		0.0037	U						0.0037	U	0.0037	U	0.0037	U	0.004	U	
Benzo(k)fluoranthene	µg/L		0.0014	U						0.0014	U	0.0014	U	0.0014	U	0.005	U	
Chrysene	µg/L		0.0013	U						0.0013	U	0.0013	U	0.0013	U	0.005	U	
Dibenz(a,h)anthracene	µg/L		0.0017	U						0.0017	U	0.0017	U	0.0017	U	0.004	U	
Fluoranthene	µg/L		0.0024	U						0.0024	U	0.0024	U	0.0024	U	0.005	U	
Fluorene	µg/L		0.27							0.02	U	0.0026	U	0.21	0.11	10	U	
Indeno(1,2,3-cd)pyrene	µg/L		0.0021	U						0.0021	U	0.0021	U	0.0021	U	0.003	U	
Naphthalene	µg/L		5.4							0.18	0.02	U	3.6	1.2	10	U		
Phenanthrene	µg/L		0.035							0.0032	U	0.0032	U	0.021	0.003	U	10	U
Pyrene	µg/L		0.0023	U						0.0023	U	0.0023	U	0.0023	U	0.005	U	
Total PAHs (calculated)	µg/L		5.9975							0.245	0.035	4.141	1.559	10	U			

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
		MW-4 11/29/1994	MW-4 2/16/1995	MW-4 4/26/1995	MW-4 8/1/1995	MW-4 10/9/1995	MW-4 1/10/1996	MW-4 4/17/1996	MW-4 7/17/1996	MW-4 9/25/1996	MW-4 1/13/1997	MW-4 4/9/1997	MW-4 8/6/1997
Unit													
<b>Conventionals</b>													
Alkalinity	mg/L	92	98	100	96	93	93	96	92	93	96	98	96
Ammonia as Nitrogen	mg/L												
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L												
Dissolved Bicarbonate	mg/L	92	98	100	96	93	93	96	92	93	97	98	96
Chemical Oxygen Demand	mg/L												
Chloride	mg/L	2.5	2	2.3	2.2	2.1	2.4	2.2	5.2	2.2	2.3	2.2	2.3
Coliforms	MPN/100 mL												
Conductivity	umhos/cm												
Specific Conductance	mS/cm												
Dissolved Oxygen	mg/L												
Eh	mV												
Ethane	µg/L												
Ethene	µg/L												
Ferrous Iron	mg/L												
Methane	µg/L												
Nitrate as Nitrogen	mg/L												
Nitrate+Nitrite as Nitrogen	mg/L												
Nitrite as Nitrogen	mg/L												
pH	--												
Sulfate	mg/L	0.9	0.5	0.5	0.5	0.5	0.7	0.7	9.2	0.7	0.7	1	0.9
Sulfide	mg/L												
Temperature	C												
Total Dissolved Solids	mg/L												
Total Organic Carbon	mg/L	2.6	7.5	0.8	1.6	1.1	1.1	1.1	1.1	2	1	1.7	0.6
Total Suspended Solids	mg/L												
Tannin and Lignin	mg/L												
Turbidity	NTU												
<b>Metals</b>													
Copper	mg/L												
Iron	mg/L												
<b>Dissolved Metals</b>													
Arsenic	mg/L												
Barium	mg/L												
Cadium	mg/L												
Calcium	mg/L	16.8	16.4	16.8	16.2	17.3	17	16.5	17.4	17.2	16.2	17.7	16.9
Copper	mg/L												
Iron	mg/L	0.568	0.336	0.459	0.336	0.378	0.371	0.334	0.366	0.339	0.287	0.392	0.323
Magnesium	mg/L	8.62	8.45	8.65	8.39	8.89	8.57	8.44	8.89	8.74	8.35	9.11	8.63
Manganese	mg/L	0.148	0.149	0.148	0.136	0.143	0.136	0.133	0.138	0.136	0.128	0.142	0.134
Nickel	mg/L												
Potassium	mg/L	3.3	3.52	2.7	2.5	3.5	3.34		4	2.3	4.2	4	3.2
Sodium	mg/L	6.54	5.1	6.53	6.06	6.73	6.21	6.21	6.56	6.45	6.56	6.52	6.24
Zinc	mg/L												
<b>TPH</b>													
Diesel	µg/L												
Heavy Fuel Oil	µg/L												
Jet Fuel as Jet A	µg/L												
Kerosene	µg/L												
Lube Oil	µg/L												
Mineral Spirits	µg/L												
Non-PHC as Diesel	µg/L												
PHC as Diesel	µg/L												
Diesel Range Organics	µg/L												
Residual Range Organics	µg/L												
<b>Phenols</b>													
Phenol	µg/L												
2-Chlorophenol	µg/L												
2,4-Dichlorophenol	µg/L												
2,6-Dichlorophenol	µg/L												
3,4-Dichlorophenol	µg/L												
3,5-Dichlorophenol	µg/L												
2,4,5-Trichlorophenol	µg/L												
2,4,6-Trichlorophenol	µg/L												
2,3,4,5-Tetrachlorophenol	µg/L												
2,3,5,6-Tetrachlorophenol	µg/L												
Pentachlorophenol	µg/L			0.6									
2-Methylphenol	µg/L												
4-Methylphenol	µg/L												
2,4-Dimethylphenol	µg/L												
2-Nitrophenol	µg/L												
4-Nitrophenol	µg/L												
2,4-Dinitrophenol	µg/L												
4,6-Dinitro-2-methylphenol	µg/L												
4-Chloro-3-methylphenol	µg/L												
Total Tetrachlorophenols	µg/L												
<b>PAHs</b>													
2-Methylnaphthalene	µg/L												
Acenaphthene	µg/L												
Acenaphthylene	µg/L												
Anthracene	µg/L												
Benzo(a)anthracene	µg/L												
Benzo(a)pyrene	µg/L												
Benzo(b)fluoranthene	µg/L												
Benzo(g,h,i)perylene	µg/L												
Benzo(k)fluoranthene	µg/L												
Chrysene	µg/L												
Dibenz(a,h)anthracene	µg/L												
Fluoranthene	µg/L												
Fluorene	µg/L												
Indeno(1,2,3-cd)pyrene	µg/L												
Naphthalene	µg/L												
Phenanthrene	µg/L												
Pyrene	µg/L												
Total PAHs (calculated)	µg/L												

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Unit	Station	MW-4										
		Sample ID	MW-4										
Date		10/6/1997	1/15/1998	4/15/1998	7/15/1998	10/6/1998	1/12/1999	1/21/1999	4/13/1999	7/21/1999	10/5/1999	1/11/2000	4/18/2000
<b>Conventionals</b>													
Alkalinity	mg/L	96	92	92	32	94	90		90	96	97	118	96
Ammonia as Nitrogen	mg/L												
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L		92	92	32	94	90		90	96	97	118	96
Dissolved Bicarbonate	mg/L	96											
Chemical Oxygen Demand	mg/L												
Chloride	mg/L	2.1	2.4	2.3	2.3	2.5	2.3		2.5	2.4	2.2	2.3	2.2
Coliforms	MPN/100 mL						2 U						
Conductivity	umhos/cm												151
Specific Conductance	mS/cm												
Dissolved Oxygen	mg/L												
Eh	mV												
Ethane	µg/L												
Ethene	µg/L												
Ferrous Iron	mg/L												
Methane	µg/L												
Nitrate as Nitrogen	mg/L												7.68
Nitrate+Nitrite as Nitrogen	mg/L												
Nitrite as Nitrogen	mg/L												
pH	--												
Sulfate	mg/L	0.9	0.9		0.8				0.9			0.8	0.9
Sulfide	mg/L			1		0.8	0.8			0.8	0.8		
Temperature	C												
Total Dissolved Solids	mg/L												
Total Organic Carbon	mg/L	0.5 U	2.6	3.5	1.4	1.9	0.6		1.2	0.7	1.8	0.7	0.5 U
Total Suspended Solids	mg/L											168	
Tannin and Lignin	mg/L												
Turbidity	NTU												
<b>Metals</b>													
Copper	mg/L												
Iron	mg/L												
<b>Dissolved Metals</b>													
Arsenic	mg/L												
Barium	mg/L												
Cadium	mg/L												
Calcium	mg/L	17.2	17.1	17.2	16.6	16.8	18		16.7	17.4	16.6	16.5	18.3
Copper	mg/L												
Iron	mg/L	0.262	0.297	0.214	0.211	0.262	0.267		0.23	0.27	0.258	0.27	0.28
Magnesium	mg/L	8.84	8.63	8.75	8.63	8.6	9.16		8.9	8.74	8.62	8.35	9.26
Manganese	mg/L	0.027	0.134	0.136	0.13	0.132	0.139		0.134	0.132	0.13	0.124	0.139
Nickel	mg/L												
Potassium	mg/L	3.2	3.2	2.8	2.78	2.04	3		3.7	3.2	2.3	4.1	4
Sodium	mg/L	6.5	6.41	6.56	6.28	6.49	6.77		6.12	6.41	6.73	6.14	6.9
Zinc	mg/L												
<b>TPH</b>													
Diesel	µg/L												
Heavy Fuel Oil	µg/L												
Jet Fuel as Jet A	µg/L												
Kerosene	µg/L												
Lube Oil	µg/L												
Mineral Spirits	µg/L												
Non-PHC as Diesel	µg/L												
PHC as Diesel	µg/L												
Diesel Range Organics	µg/L												
Residual Range Organics	µg/L												
<b>Phenols</b>													
Phenol	µg/L		0.2 U		0.2 U								
2-Chlorophenol	µg/L		0.2 U		0.2 U								
2,4-Dichlorophenol	µg/L		0.2 U		0.2 U								
2,6-Dichlorophenol	µg/L												
3,4-Dichlorophenol	µg/L												
3,5-Dichlorophenol	µg/L												
2,4,5-Trichlorophenol	µg/L												
2,4,6-Trichlorophenol	µg/L		0.2 U		0.2 U								
2,3,4,5-Tetrachlorophenol	µg/L												
2,3,5,6-Tetrachlorophenol	µg/L												
Pentachlorophenol	µg/L		0.5 U		0.5 U								
2-Methylphenol	µg/L												
4-Methylphenol	µg/L												
2,4-Dimethylphenol	µg/L		0.2 U		0.2 U								
2-Nitrophenol	µg/L		0.2 U		0.2 U								
4-Nitrophenol	µg/L		0.5 U		0.5 U								
2,4-Dinitrophenol	µg/L		0.5 U		0.5 U								
4,6-Dinitro-2-methylphenol	µg/L		0.5 U		0.5 U								
4-Chloro-3-methylphenol	µg/L		0.2 U		0.2 U								
Total Tetrachlorophenols	µg/L												
<b>PAHs</b>													
2-Methylnaphthalene	µg/L												
Acenaphthene	µg/L		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Acenaphthylene	µg/L		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Anthracene	µg/L		0.1 U		0.1 U								
Benzo(a)anthracene	µg/L		0.1 U		0.1 U								
Benzo(a)pyrene	µg/L		0.1 U		0.1 U								
Benzo(b)fluoranthene	µg/L		0.2 U		0.2 U								
Benzo(g,h,i)perylene	µg/L		0.2 U		0.2 U								
Benzo(k)fluoranthene	µg/L		0.1 U		0.1 U								
Chrysene	µg/L		0.1 U		0.1 U								
Dibenz(a,h)anthracene	µg/L		0.1 U		0.1 U								
Fluoranthene	µg/L		0.2 U		0.2 U								
Fluorene	µg/L		0.2 U		0.2 U								
Indeno(1,2,3-cd)pyrene	µg/L		0.1 U		0.1 U								
Naphthalene	µg/L		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Phenanthrene	µg/L		0.1 U		0.1 U								
Pyrene	µg/L		0.2 U		0.4 U	0.2 U	0.2 U	0.2 U	0.2 U				
Total PAHs (calculated)	µg/L		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date	MW-4	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10
		MW-4 10/4/2000	GW1012 10/25/2002	GW1013 10/25/2002	GW2001 1/21/2003	MW-10 7/17/2003	GW3001 7/17/2003	GW-4001 9/29/2003	MW-10 9/29/2003	MW-10 2/13/2004	GW04101 2/13/2004	MW-10 4/14/2004	GW04201 4/14/2004
<b>Conventionals</b>													
Alkalinity	mg/L												
Ammonia as Nitrogen	mg/L												
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L												
Dissolved Bicarbonate	mg/L												
Chemical Oxygen Demand	mg/L												
Chloride	mg/L		9		7		8.8	134			5		5.5
Coliforms	MPN/100 mL												
Conductivity	umhos/cm												
Specific Conductance	mS/cm		0.196		0.162		0.188	0.663			0.128		0.14
Dissolved Oxygen	mg/L		11.9		6.01		12.9	8.86			12.95		4.26
Eh	mV		368		225		212	221			209		245
Ethane	µg/L												
Ethene	µg/L												
Ferrous Iron	mg/L												
Methane	µg/L												
Nitrate as Nitrogen	mg/L												
Nitrate+Nitrite as Nitrogen	mg/L		4.8										
Nitrite as Nitrogen	mg/L												
pH	--		6.39		5.41		6.14	5.77			2.3		4.84
Sulfate	mg/L		14										
Sulfide	mg/L												
Temperature	C		14.9		13.2		15.04	14.92			13.03		12.73
Total Dissolved Solids	mg/L												
Total Organic Carbon	mg/L												
Total Suspended Solids	mg/L	64	15		5 U	5			7	5 U		5	
Tannin and Lignin	mg/L												
Turbidity	NTU												
<b>Metals</b>													
Copper	mg/L				0.004 U		0.008 U	0.005 U			0.008 U		0.005 U
Iron	mg/L				0.0573		0.0139 U	0.38			0.0246		0.359
<b>Dissolved Metals</b>													
Arsenic	mg/L												
Barium	mg/L												
Cadium	mg/L												
Calcium	mg/L	17					12.3		28.4	10		9.55	
Copper	mg/L												
Iron	mg/L	0.25	0.397			0.0063 B			0.006 U	0.0081 U		0.006 U	
Magnesium	mg/L	8.78				7.76			17.8	4.58		5.53	
Manganese	mg/L												
Nickel	mg/L												
Potassium	mg/L	3				1.47 B			3.28	1.4 B		1.15 B	
Sodium	mg/L	6.8				7.34			62.1	6.33		6.05	
Zinc	mg/L												
<b>TPH</b>													
Diesel	µg/L												
Heavy Fuel Oil	µg/L												
Jet Fuel as Jet A	µg/L												
Kerosene	µg/L												
Lube Oil	µg/L												
Mineral Spirits	µg/L												
Non-PHC as Diesel	µg/L												
PHC as Diesel	µg/L												
Diesel Range Organics	µg/L		45 U		45 U		36 U	36 U			36 U		36 U
Residual Range Organics	µg/L		30 U		500 U		54 U	54 U			54 U		54 U
<b>Phenols</b>													
Phenol	µg/L												
2-Chlorophenol	µg/L		0.33 U	0.32 U									
2,4-Dichlorophenol	µg/L		0.31 U	0.3 U									
2,6-Dichlorophenol	µg/L		0.64 U	0.61 U									
3,4-Dichlorophenol	µg/L		0.2 U		0.2 U	0.2 U			2 U	2 U		2 U	
3,5-Dichlorophenol	µg/L		0.2 U		0.2 U	0.2 U			2 U	2 U		2 U	
2,4,5-Trichlorophenol	µg/L		0.5 U	0.39 U	0.5 U	1.9 U			0.33 U	0.33 U		0.5 U	
2,4,6-Trichlorophenol	µg/L		0.03 U	0.21 U	0.03 U	0.5 U			0.17 U	0.17 U		0.16 U	
2,3,4,5-Tetrachlorophenol	µg/L												
2,3,5,6-Tetrachlorophenol	µg/L		0.64 U	0.61 U									
Pentachlorophenol	µg/L	0.5 U	0.31 U	2.5 U	0.06 U	0.5 U			0.12 U	0.12 U		0.095 U	
2-Methylphenol	µg/L												
4-Methylphenol	µg/L												
2,4-Dimethylphenol	µg/L												
2-Nitrophenol	µg/L												
4-Nitrophenol	µg/L												
2,4-Dinitrophenol	µg/L												
4,6-Dinitro-2-methylphenol	µg/L												
4-Chloro-3-methylphenol	µg/L												
Total Tetrachlorophenols	µg/L		0.4 U		0.4 U	0.58 J			0.27 U	0.27 U		0.26 U	
<b>PAHs</b>													
2-Methylnaphthalene	µg/L		0.027 U	0.24 U	0.02 U		0.011 J	0.041			0.02 U		0.014 J
Acenaphthene	µg/L		0.002 U	0.29 U	0.002 U		0.002 U	0.002 U			0.002 U		0.0024 U
Acenaphthylene	µg/L		0.0018 U	0.24 U	0.0018 U		0.0018 U	0.0018 U			0.029 U		0.0011 U
Anthracene	µg/L		0.002 J	0.62 U	0.02 U		0.0014 J	0.0013 J			0.02 U		0.0065 J
Benzo(a)anthracene	µg/L		0.0032 J	0.6 U	0.0021 U		0.0021 U	0.0021 U			0.0025 J		0.0022 U
Benzo(a)pyrene	µg/L		0.0016 U	0.66 U	0.0016 U		0.0016 U	0.0016 U			0.0034 J		0.0013 U
Benzo(b)fluoranthene	µg/L		0.0026 J	0.59 U	0.002 U		0.002 U	0.002 U			0.0037 J		0.002 U
Benzo(g,h,i)perylene	µg/L		0.0037 U	0.82 U	0.0037 U		0.0037 U	0.0037 U			0.0037 U		0.0033 U
Benzo(k)fluoranthene	µg/L		0.0018 J	0.83 U	0.0014 U		0.0014 U	0.0014 U			0.02 U		0.0036 U
Chrysene	µg/L		0.02 U	0.79 U	0.0013 U		0.0013 U	0.0013 U			0.0038 J		0.0028 U
Dibenz(a,h)anthracene	µg/L		0.0017 U	0.76 U	0.0017 U		0.0017 U	0.0017 U			0.0026 J		0.0028 U
Fluoranthene	µg/L		0.02 U	0.66 U	0.0024 U		0.0024 U	0.0024 U			0.0051 J		0.003 U
Fluorene	µg/L		0.0038 J	0.33 U	0.0026 U		0.0026 U	0.0026 J			0.0026 U		0.0024 U
Indeno(1,2,3-cd)pyrene	µg/L		0.0021 U	0.69 U	0.0021 U		0.0021 U	0.0021 U			0.0032 J		0.0015 U
Naphthalene	µg/L		0.02 J	0.37 U	0.02 U		0.01 J	0.019 U			0.02 U		0.013 J
Phenanthrene	µg/L		0.02 U	0.49 U	0.02 U		0.0032 U	0.0032 U			0.0032 U		0.0042 J
Pyrene	µg/L		0.02 U	0.74 U	0.0023 U		0.0023 U	0.0023 U			0.02 U		0.0024 U
Total PAHs (calculated)	µg/L		0.0334	0.83 U	0.02 U		0.0114	0.0039			0.0243		0.0237

**Table 4-6. Monitoring Wells: Field Parameters, Conventional, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Unit	Station	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-11	MW-11	MW-11	MW-11
		Sample ID	MW-10	GW04302	MW-10	GW04401	GW05100	MW-10	MW-10	MW-10	MW-10	GW1007	GW2002	GW3002
		Date	7/19/2004	7/19/2004	10/12/2004	10/12/2004	1/12/2005	1/12/2005	11/4/2005	2/15/2006	10/23/2002	1/20/2003	4/9/2003	11/4/2005
<b>Conventional</b>														
Alkalinity	mg/L								26	36				68
Ammonia as Nitrogen	mg/L													
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L													
Dissolved Bicarbonate	mg/L													
Chemical Oxygen Demand	mg/L													
Chloride	mg/L		4.6		4	7.4		7	6.9	3.7	4.9	3.6	3.4	
Coliforms	MPN/100 mL													
Conductivity	umhos/cm													
Specific Conductance	mS/cm		0.133		0.131	0.14				0.178	0.12	0.156		
Dissolved Oxygen	mg/L		4.07		4.44	8.08		5	5.9	8.5	9.22	9	5.7	
Eh	mV		237		193	3		226	210	405	246	292	187	
Ethane	µg/L							0.35 U	0.38 U				0.35 U	
Ethene	µg/L							0.55 U	0.55 U				0.55 U	
Ferrous Iron	mg/L							0 U	0.07				0 U	
Methane	µg/L							0.72 U	0.3 U				0.58 U	
Nitrate as Nitrogen	mg/L							5.6	2.9				0.6	
Nitrate+Nitrite as Nitrogen	mg/L									0.5				
Nitrite as Nitrogen	mg/L													
pH	--		5.89		5.5	4.83		6	6.05	6.46	6.13	6.12	6.4	
Sulfate	mg/L							10.4	12.6	7.1			7.5	
Sulfide	mg/L													
Temperature	C		13.34		13.19	12.83		11.3	12.3	10.5	9.6	8.9	11.1	
Total Dissolved Solids	mg/L													
Total Organic Carbon	mg/L													
Total Suspended Solids	mg/L	41		27				5 U			46	5 U		
Tannin and Lignin	mg/L													
Turbidity	NTU							35	74				7	
<b>Metals</b>														
Copper	mg/L		0.004 UJ		0.007 U	0.004 U					0.008 U	0.006 B		
Iron	mg/L		2.34		0.871	0.0634					0.158	0.264		
<b>Dissolved Metals</b>														
Arsenic	mg/L													
Barium	mg/L													
Cadium	mg/L													
Calcium	mg/L	7.57		8.19				10.4						
Copper	mg/L													
Iron	mg/L	0.02 U		0.02 U				0.02 U		1.48 J				
Magnesium	mg/L	4.73		5.13				5.08						
Manganese	mg/L													
Nickel	mg/L													
Potassium	mg/L	1.05 B		1.18 B				1.92 B						
Sodium	mg/L	6.1		6.99				7.19						
Zinc	mg/L													
<b>TPH</b>														
Diesel	µg/L													
Heavy Fuel Oil	µg/L													
Jet Fuel as Jet A	µg/L													
Kerosene	µg/L													
Lube Oil	µg/L													
Mineral Spirits	µg/L													
Non-PHC as Diesel	µg/L													
PHC as Diesel	µg/L													
Diesel Range Organics	µg/L		36 U		36 U	19 U				49 U	45 U	36 U		
Residual Range Organics	µg/L		54 U		54 U	28 U				33 U	30 U	54 U		
<b>Phenols</b>														
Phenol	µg/L													
2-Chlorophenol	µg/L													
2,4-Dichlorophenol	µg/L													
2,6-Dichlorophenol	µg/L													
3,4-Dichlorophenol	µg/L	2 U		2 U				2 U		0.2 U	0.2 U			
3,5-Dichlorophenol	µg/L	2 U		2 U				2 U		0.2 U	0.2 U			
2,4,5-Trichlorophenol	µg/L	0.5 U		0.5 U				0.5 U		0.5 U	0.5 U			
2,4,6-Trichlorophenol	µg/L	0.16 U		0.16 U				0.16 U		0.03 UJ	0.03 U	0.03 U		
2,3,4,5-Tetrachlorophenol	µg/L												0.2 U	
2,3,5,6-Tetrachlorophenol	µg/L												0.2 U	
Pentachlorophenol	µg/L	0.5 U		0.095 U				0.095 U		0.35 J	0.06 U	0.06 U		
2-Methylphenol	µg/L													
4-Methylphenol	µg/L													
2,4-Dimethylphenol	µg/L													
2-Nitrophenol	µg/L													
4-Nitrophenol	µg/L													
2,4-Dinitrophenol	µg/L													
4,6-Dinitro-2-methylphenol	µg/L													
4-Chloro-3-methylphenol	µg/L													
Total Tetrachlorophenols	µg/L	0.26 U		0.26 U				0.26 U		0.4 U	0.4 U			
<b>PAHs</b>														
2-Methylnaphthalene	µg/L		0.02 U		0.0068 J	0.02 U				0.014 J	0.016 J	0.011 J		
Acenaphthene	µg/L		0.02 U		0.0042 U	0.0042 U				0.0021 U	0.002 U	0.002 U		
Acenaphthylene	µg/L		0.0037 U		0.0031 U	0.0075 J				0.0019 U	0.0018 U	0.0018 U		
Anthracene	µg/L		0.02 U		0.0045 J	0.0039 U				0.0011 U	0.0012 J	0.0011 U		
Benzo(a)anthracene	µg/L		0.0022 U		0.004 U	0.004 U				0.0022 U	0.0021 U	0.0021 U		
Benzo(a)pyrene	µg/L		0.0019 J		0.0041 U	0.0041 U				0.0017 U	0.0016 U	0.0016 U		
Benzo(b)fluoranthene	µg/L		0.002 U		0.0048 U	0.0048 U				0.002 U	0.002 U	0.002 U		
Benzo(g,h,i)perylene	µg/L		0.0051 J		0.0041 U	0.0041 U				0.0038 U	0.006 J	0.0037 U		
Benzo(k)fluoranthene	µg/L		0.0036 U		0.0041 U	0.0041 U				0.0014 U	0.0014 U	0.0014 U		
Chrysene	µg/L		0.0028 U		0.0036 U	0.0036 U				0.0015 J	0.02 U	0.0013 U		
Dibenz(a,h)anthracene	µg/L		0.0028 U		0.0066 U	0.0066 U				0.0017 U	0.0043 J	0.0019 J		
Fluoranthene	µg/L		0.02 J		0.0042 U	0.0042 U				0.0025 U	0.0024 U	0.0024 U		
Fluorene	µg/L		0.02 U		0.0051 U	0.0051 U				0.0027 U	0.004 J	0.0026 U		
Indeno(1,2,3-cd)pyrene	µg/L		0.0015 U		0.0038 U	0.0038 U				0.0022 U	0.0042 J	0.0021 U		
Naphthalene	µg/L		0.02 U		0.01 J	0.02 U				0.0075 J	0.014 J	0.0084 J		
Phenanthrene	µg/L		0.02 U		0.0038 U	0.0038 U				0.0033 U	0.0036 J	0.0032 U		
Pyrene	µg/L		0.065		0.0037 U	0.0037 U				0.0023 U	0.0023 U	0.0023 U		
Total PAHs (calculated)	µg/L		0.092		0.0145	0.0075				0.009	0.0373	0.0103		

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Unit	Station	MW-11	MW-13	MW-14	MW-14	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	
		Sample ID	MW-11	MW-13	MW-14	MW-14	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15
		Date	2/15/2006	10/25/2002	10/22/2002	1/16/2003	10/22/2002	10/22/2002	1/21/2003	4/10/2003	7/24/2003	7/24/2003	10/1/2003	10/1/2003
<b>Conventionals</b>														
Alkalinity	mg/L		62											
Ammonia as Nitrogen	mg/L													
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L													
Dissolved Bicarbonate	mg/L													
Chemical Oxygen Demand	mg/L													
Chloride	mg/L		3.1			4.3	8.4		10	10		8.4	6.9	
Coliforms	MPN/100 mL													
Conductivity	umhos/cm													
Specific Conductance	mS/cm			0.153	0.107	0.086	0.117		0.169	0.205		0.199	0.199	
Dissolved Oxygen	mg/L		7	10.59	11.9	9.7	14.94		6.75	8.17		1.52	2.65	
Eh	mV		137	243	310	198	267		206	303		227	206	
Ethane	µg/L		0.38 U											
Ethene	µg/L		0.55 U											
Ferrous Iron	mg/L		0.09											
Methane	µg/L		0.3 U											
Nitrate as Nitrogen	mg/L		1.7				0.9							
Nitrate+Nitrite as Nitrogen	mg/L													
Nitrite as Nitrogen	mg/L						0.07 J							
pH	--		6.74	7.06	6.3	5.75	6.28		5.55	6.07		5.83	5.58	
Sulfate	mg/L		14.9				15							
Sulfide	mg/L													
Temperature	C		9.7	10.6	10.2	10	12		11.3	11.7		13.79	12.59	
Total Dissolved Solids	mg/L													
Total Organic Carbon	mg/L													
Total Suspended Solids	mg/L			5		11	9		5 U		5 U			14
Tannin and Lignin	mg/L													
Turbidity	NTU		190											
<b>Metals</b>														
Copper	mg/L					0.004 U			0.004 U	0.0062 B		0.0061 BN	0.005 U	
Iron	mg/L					2.05			0.298	0.221		0.0511	0.688	
<b>Dissolved Metals</b>														
Arsenic	mg/L													
Barium	mg/L													
Cadium	mg/L													
Calcium	mg/L									13.9				14.4
Copper	mg/L													
Iron	mg/L						0.693 J				0.0134 B			0.0218 U
Magnesium	mg/L										9.32			9.86
Manganese	mg/L													
Nickel	mg/L													
Potassium	mg/L										1.19 B			1.31 B
Sodium	mg/L										5.84			6.15
Zinc	mg/L													
<b>TPH</b>														
Diesel	µg/L													
Heavy Fuel Oil	µg/L													
Jet Fuel as Jet A	µg/L													
Kerosene	µg/L													
Lube Oil	µg/L													
Mineral Spirits	µg/L													
Non-PHC as Diesel	µg/L													
PHC as Diesel	µg/L													
Diesel Range Organics	µg/L			3700 Z		67 J			170 J	72 J		54 J	89 J	
Residual Range Organics	µg/L			66 J		30 U			30 U	54 U		54 U	54 U	
<b>Phenols</b>														
Phenol	µg/L													
2-Chlorophenol	µg/L													
2,4-Dichlorophenol	µg/L													
2,6-Dichlorophenol	µg/L													
3,4-Dichlorophenol	µg/L			2000 U	2 U <sub>i</sub>	0.2 U		2 U	20 U		40 U			40 U
3,5-Dichlorophenol	µg/L			2000 U <sub>j</sub>	0.2 U	0.2 U		2 U	20 U		40 U			40 U
2,4,5-Trichlorophenol	µg/L			5000 U	0.5 U	0.5 U <sub>j</sub>		5 U	50 U		6.6 U			6.6 U
2,4,6-Trichlorophenol	µg/L			300 U	0.03 U <sub>j</sub>	0.03 U		0.3 U <sub>j</sub>	3 U	0.6 U	3.4 U			3.4 U
2,3,4,5-Tetrachlorophenol	µg/L									4 U				
2,3,5,6-Tetrachlorophenol	µg/L									12				
Pentachlorophenol	µg/L			19000	0.06 U	0.06 U		530	660	320	290			620
2-Methylphenol	µg/L													
4-Methylphenol	µg/L													
2,4-Dimethylphenol	µg/L													
2-Nitrophenol	µg/L													
4-Nitrophenol	µg/L													
2,4-Dinitrophenol	µg/L													
4,6-Dinitro-2-methylphenol	µg/L													
4-Chloro-3-methylphenol	µg/L													
Total Tetrachlorophenols	µg/L			4000 U	0.4 U	0.4 U		11	40 U		11 J			20
<b>PAHs</b>														
2-Methylnaphthalene	µg/L			0.021 U	0.0037 J	0.02 J	0.0048 J	0.0027 U	0.02 U	0.014 J		0.0056 J	0.0027 U	
Acenaphthene	µg/L			9.6	0.002 U	0.002 U	0.002 U	0.02 U	0.002 U	0.0029 J		0.002 U	0.002 U	
Acenaphthylene	µg/L			0.5	0.0018 U	0.0018 U	0.02 U	0.02 U	0.02 U	0.0035 J		0.0018 U	0.0018 U	
Anthracene	µg/L			1.2 J	0.0011 U	0.0018 J	0.02 U	0.02 U	0.02 U	0.0011 U		0.0011 U	0.027	
Benzo(a)anthracene	µg/L			0.1	0.0082 J	0.0021 U	0.0021 U	0.01 J	0.0021 U	0.0021 U		0.0021 U	0.0021 U	
Benzo(a)pyrene	µg/L			0.021 J	0.0019 J	0.0031 J	0.0016 U	0.025 J	0.0036 J	0.0016 U		0.0016 U	0.0016 U	
Benzo(b)fluoranthene	µg/L			0.026	0.0042 J	0.003 J	0.0024 J	0.056 J	0.0028 J	0.002 U		0.002 U	0.002 U	
Benzo(g,h,i)perylene	µg/L			0.0065 J	0.0037 U	0.0072 J	0.0037 U	0.012 J	0.0097 J	0.0037 U		0.0037 U	0.0037 U	
Benzo(k)fluoranthene	µg/L			0.018 J	0.0033 J	0.0029 J	0.0014 U	0.0014 U	0.0022 J	0.0014 U		0.0014 U	0.0014 U	
Chrysene	µg/L			0.1	0.0057 J	0.02 U	0.0013 U	0.02 U	0.013 J	0.02 U	0.0013 U	0.0013 U	0.0013 U	
Dibenz(a,h)anthracene	µg/L			0.021 U	0.0026 J	0.0058 J	0.0017 U	0.0026 J	0.0093 J	0.0017 U		0.0017 U	0.0017 U	
Fluoranthene	µg/L			0.77	0.0031 J	0.02 U	0.0024 U	0.023	0.0024 U	0.0024 U		0.0054 J	0.0024 U	
Fluorene	µg/L			8.7	0.0026 U	0.0044 J	0.0026 U	0.0026 U	0.0026 U	0.0026 U		0.0026 U	0.0026 U	
Indeno(1,2,3-cd)pyrene	µg/L			0.021 U	0.0025 J	0.0057 J	0.0021 U	0.012 J	0.008 J	0.0021 U		0.0021 U	0.0021 U	
Naphthalene	µg/L			0.053	0.0037 J	0.02 U	0.012 J	0.0045 J	0.047 U	0.044		0.036	0.0076 J	
Phenanthrene	µg/L			4.7	0.0032 J	0.02 U	0.02 U	0.02 U	0.02 U	0.0032 U		0.0032 U	0.0032 U	
Pyrene	µg/L			0.61	0.0036 J	0.02 U	0.0023 U	0.015 J	0.0023 U	0.0023 U		0.0035 J	0.0023 U	
Total PAHs (calculated)	µg/L			26.4045	0.0388	0.0339	0.0144	0.1731	0.0356	0.0504		0.0449	0.0346	

**Table 4-6. Monitoring Wells: Field Parameters, Conventional, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15
		MW-A 10/1/2003 Field dup	MW-15 2/19/2004	MW-A 2/19/2004 Field dup	GW04102 2/19/2004	GW04103 2/19/2004 Field dup	MW-15 4/27/2004	MW-A 4/27/2004 Field dup	GW04207 4/27/2004	GW04206 4/27/2004	MW-15 7/21/2004	MW-A 7/21/2004	GW04306 7/21/2004
Unit													
<b>Conventional</b>													
Alkalinity	mg/L												
Ammonia as Nitrogen	mg/L												
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L												
Dissolved Bicarbonate	mg/L												
Chemical Oxygen Demand	mg/L												
Chloride	mg/L				7.4	7.1			5.5	5.4			5.9
Coliforms	MPN/100 mL												
Conductivity	umhos/cm												
Specific Conductance	mS/cm				0.18					0.177			0.191
Dissolved Oxygen	mg/L				6					0.9			0.83
Eh	mV				172					215			236
Ethane	µg/L												
Ethene	µg/L												
Ferrous Iron	mg/L												
Methane	µg/L												
Nitrate as Nitrogen	mg/L												
Nitrate+Nitrite as Nitrogen	mg/L												
Nitrite as Nitrogen	mg/L												
pH	--				3.66					5.47			5.45
Sulfate	mg/L												
Sulfide	mg/L												
Temperature	C				11.65					11.65			12.19
Total Dissolved Solids	mg/L												
Total Organic Carbon	mg/L												
Total Suspended Solids	mg/L	17	5 U	5 U				5 U	5 U		5 U	5 U	
Tannin and Lignin	mg/L												
Turbidity	NTU												
<b>Metals</b>													
Copper	mg/L				0.008 U	0.008 U			0.005 U	0.005 U			0.004 U
Iron	mg/L				0.226	0.248			0.116	0.131			0.0798
<b>Dissolved Metals</b>													
Arsenic	mg/L												
Barium	mg/L												
Cadium	mg/L												
Calcium	mg/L	14.3	13.8	13.6				13.9	14		13	13.3	
Copper	mg/L												
Iron	mg/L	0.0185 U	0.0214 U	0.0202 U				0.0095 B	0.0316		0.02 U	0.02 U	
Magnesium	mg/L	9.83	9.67	9.53				9.15	9.22		8.57	8.82	
Manganese	mg/L												
Nickel	mg/L												
Potassium	mg/L	1.74 B	1.15 B	1.13 B				1.02 B	1.42 B		1.77 B	1.63 B	
Sodium	mg/L	6.2	6.08	5.98				6	6.08		5.6	5.71	
Zinc	mg/L												
<b>TPH</b>													
Diesel	µg/L												
Heavy Fuel Oil	µg/L												
Jet Fuel as Jet A	µg/L												
Kerosene	µg/L												
Lube Oil	µg/L												
Mineral Spirits	µg/L												
Non-PHC as Diesel	µg/L												
PHC as Diesel	µg/L												
Diesel Range Organics	µg/L				170 J	190 J			290 Z	300 Z			320 Z
Residual Range Organics	µg/L				500 U	500 U			54 U	54 U			54 U
<b>Phenols</b>													
Phenol	µg/L												
2-Chlorophenol	µg/L												
2,4-Dichlorophenol	µg/L												
2,6-Dichlorophenol	µg/L												
3,4-Dichlorophenol	µg/L	40 U	200 U	200 U				200 U	200 U		200 U	40 U	200 U
3,5-Dichlorophenol	µg/L	40 U	200 U	200 U				200 U	200 U		200 U	40 U	200 U
2,4,5-Trichlorophenol	µg/L	6.6 U	33 U	33 U				50 U	50 U		50 U	10 U	50 U
2,4,6-Trichlorophenol	µg/L	3.4 U	17 U	17 U				16 U	16 U		16 U	3.2 U	16 U
2,3,4,5-Tetrachlorophenol	µg/L												
2,3,5,6-Tetrachlorophenol	µg/L												
Pentachlorophenol	µg/L	670	620	700				680	730		720	720	790
2-Methylphenol	µg/L												
4-Methylphenol	µg/L												
2,4-Dimethylphenol	µg/L												
2-Nitrophenol	µg/L												
4-Nitrophenol	µg/L												
2,4-Dinitrophenol	µg/L												
4,6-Dinitro-2-methylphenol	µg/L												
4-Chloro-3-methylphenol	µg/L												
Total Tetrachlorophenols	µg/L	21	27 U	27 U				26 U	26 U		26 U	21	26 U
<b>PAHs</b>													
2-Methylnaphthalene	µg/L				0.02 U	0.02 U			0.0038 U	0.0038 U			0.006 J
Acenaphthene	µg/L				0.02 U	0.02 U			0.0024 U	0.0024 U			0.0024 U
Acenaphthylene	µg/L				0.02 U	0.02 U			0.0034 J	0.0011 U			0.0088 J
Anthracene	µg/L				0.02 U	0.02 U			0.0022 U	0.0022 U			0.0022 U
Benzo(a)anthracene	µg/L				0.02 U	0.02 U			0.0022 U	0.0022 U			0.0022 U
Benzo(a)pyrene	µg/L				0.02 U	0.02 U			0.0013 U	0.0013 U			0.0013 U
Benzo(b)fluoranthene	µg/L				0.02 U	0.02 U			0.002 U	0.002 U			0.002 U
Benzo(g,h,i)perylene	µg/L				0.0038 J	0.0066 J			0.0033 U	0.0033 U			0.0033 U
Benzo(k)fluoranthene	µg/L				0.02 U	0.02 U			0.0036 U	0.0036 U			0.0036 U
Chrysene	µg/L				0.02 U	0.02 U			0.0028 U	0.0028 U			0.0028 U
Dibenz(a,h)anthracene	µg/L				0.0029 J	0.0042 J			0.0028 U	0.0028 U			0.0028 U
Fluoranthene	µg/L				0.02 U	0.02 U			0.003 U	0.003 U			0.003 U
Fluorene	µg/L				0.02 U	0.02 U			0.0024 U	0.0024 U			0.0024 U
Indeno(1,2,3-cd)pyrene	µg/L				0.02 U	0.02 U			0.0015 U	0.0015 U			0.0015 U
Naphthalene	µg/L				0.11	0.13			0.018 U	0.012 U			0.11 J
Phenanthrene	µg/L				0.02 U	0.02 U			0.0028 U	0.0028 U			0.0028 U
Pyrene	µg/L				0.02 U	0.02 U			0.0024 U	0.0024 U			0.0081 J
Total PAHs (calculated)	µg/L				0.1167	0.1408			0.0034	0.012 U			0.1269

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Unit	Station	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	
		Sample ID	GW04307	MW-15	MW-A	GW04402	GW04406	MW-15	MW-B	GW05104	GW05106	MW-15	MW-15	MW-15
		Date	7/21/2004	10/18/2004	10/18/2004	10/18/2004	10/18/2004	1/19/2005	1/19/2005	1/19/2005	1/19/2005	11/4/2005	2/16/2006	5/22/2006
<b>Conventionals</b>														
Alkalinity	mg/L											51	70	
Ammonia as Nitrogen	mg/L													
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L													
Dissolved Bicarbonate	mg/L													
Chemical Oxygen Demand	mg/L													
Chloride	mg/L	5.9			9.5	9.5			7.5	7.5	9.6	7.8		
Coliforms	MPN/100 mL													
Conductivity	umhos/cm													
Specific Conductance	mS/cm				0.209				0.194					
Dissolved Oxygen	mg/L				2.36				4.16		3.2	9.9	8	
Eh	mV				136				7		219	225	199	
Ethane	µg/L										0.35 U	0.38 U		
Ethene	µg/L										0.55 U	0.55 U		
Ferrous Iron	mg/L										0 U	0.05		
Methane	µg/L										0.3 U	2.7 U		
Nitrate as Nitrogen	mg/L										1.6	1		
Nitrate+Nitrite as Nitrogen	mg/L													
Nitrite as Nitrogen	mg/L													
pH	--				5.57				4.99		6	6.16	6.05	
Sulfate	mg/L										16.9	21.3		
Sulfide	mg/L													
Temperature	C				12.23				11.94		11.2	11.2	11.6	
Total Dissolved Solids	mg/L													
Total Organic Carbon	mg/L													
Total Suspended Solids	mg/L		24	23				5 U	5 U					
Tannin and Lignin	mg/L													
Turbidity	NTU										30	250	340	
<b>Metals</b>														
Copper	mg/L	0.004 UJ			0.0052 U	0.004 U			0.007 U	0.007 U				
Iron	mg/L	0.108			1.22	1.41			0.432	0.313				
<b>Dissolved Metals</b>														
Arsenic	mg/L													
Barium	mg/L													
Cadium	mg/L													
Calcium	mg/L		15.3	15.2				16.2	16.2					
Copper	mg/L													
Iron	mg/L		0.02 U	0.02 U				0.01 U	0.01 U					
Magnesium	mg/L		10.3	10.2				10.7	10.7					
Manganese	mg/L													
Nickel	mg/L													
Potassium	mg/L		1.37 B	1.2 B				1.21 B	1.21 B					
Sodium	mg/L		6.22	6.16				6.44	6.47					
Zinc	mg/L													
<b>TPH</b>														
Diesel	µg/L													
Heavy Fuel Oil	µg/L													
Jet Fuel as Jet A	µg/L													
Kerosene	µg/L													
Lube Oil	µg/L													
Mineral Spirits	µg/L													
Non-PHC as Diesel	µg/L													
PHC as Diesel	µg/L													
Diesel Range Organics	µg/L	300 Z			200 J	200 J			150 J	160 J				
Residual Range Organics	µg/L	54 U			54 U	54 U			28 U	28 U				
<b>Phenols</b>														
Phenol	µg/L													
2-Chlorophenol	µg/L													
2,4-Dichlorophenol	µg/L													
2,6-Dichlorophenol	µg/L													
3,4-Dichlorophenol	µg/L	200 U	40 U	40 U	40 U	40 U	30 U	30 U						
3,5-Dichlorophenol	µg/L	200 U	40 UJ	40 UJ	40 UJ	40 UJ	65 U	65 U						
2,4,5-Trichlorophenol	µg/L	50 U	10 U	10 U	10 U	10 U	27 U	27 U						
2,4,6-Trichlorophenol	µg/L	16 U	3.2 U	3.2 U	3.2 U	3.2 U	9.6 U	9.6 U						
2,3,4,5-Tetrachlorophenol	µg/L													
2,3,5,6-Tetrachlorophenol	µg/L													
Pentachlorophenol	µg/L	690	580	570	530	540	490	510			380	230	95	
2-Methylphenol	µg/L													
4-Methylphenol	µg/L													
2,4-Dimethylphenol	µg/L													
2-Nitrophenol	µg/L													
4-Nitrophenol	µg/L													
2,4-Dinitrophenol	µg/L													
4,6-Dinitro-2-methylphenol	µg/L													
4-Chloro-3-methylphenol	µg/L													
Total Tetrachlorophenols	µg/L	26 U	21	22	20 J	20 J	66 U	66 U						
<b>PAHs</b>														
2-Methylnaphthalene	µg/L	0.0038 U			0.02 U	0.02 U			0.007 J	0.0049 J	0.02 UJ	0.02 U	0.033 U	
Acenaphthene	µg/L	0.0024 U			0.0042 U	0.0042 U			0.0042 U	0.0042 U	0.002 UJ	0.002 U	0.002 U	
Acenaphthylene	µg/L	0.0058 J			0.041 UJ	0.027 UJ			0.02 U	0.02 U	0.02 UJ	0.02 U	0.0071 J	
Anthracene	µg/L	0.0022 U			0.047 UJ	0.025 UJ			0.019 J	0.015 J	0.0011 UJ	0.0011 U	0.0011 U	
Benzo(a)anthracene	µg/L	0.0022 U			0.004 U	0.004 U			0.004 U	0.0047 J	0.0021 UJ	0.0021 U	0.0021 U	
Benzo(a)pyrene	µg/L	0.0013 U			0.0041 U	0.0041 U			0.0041 U	0.0041 U	0.0016 UJ	0.0016 U	0.0016 U	
Benzo(b)fluoranthene	µg/L	0.002 U			0.0048 U	0.0048 U			0.0048 U	0.0048 U	0.002 UJ	0.002 U	0.002 U	
Benzo(g,h,i)perylene	µg/L	0.0033 U			0.0074 J	0.0041 U			0.0041 U	0.0041 U	0.0037 UJ	0.0037 U	0.0037 U	
Benzo(k)fluoranthene	µg/L	0.0036 U			0.0041 U	0.0041 U			0.0041 U	0.0041 U	0.0014 UJ	0.0014 U	0.0014 U	
Chrysene	µg/L	0.0028 U			0.0036 U	0.0036 U			0.0036 U	0.0036 U	0.0013 UJ	0.0013 U	0.0013 U	
Dibenz(a,h)anthracene	µg/L	0.0028 U			0.0066 U	0.0066 U			0.0066 U	0.0066 U	0.0017 UJ	0.0017 U	0.0017 U	
Fluoranthene	µg/L	0.003 U			0.0042 U	0.0042 U			0.0042 U	0.0042 U	0.0024 UJ	0.0024 U	0.0024 U	
Fluorene	µg/L	0.0024 U			0.02 U	0.02 U			0.0051 U	0.0051 U	0.0026 UJ	0.0026 U	0.0026 U	
Indeno(1,2,3-cd)pyrene	µg/L	0.0015 U			0.0038 U	0.0038 U			0.0038 U	0.0038 U	0.0021 UJ	0.0021 U	0.0021 U	
Naphthalene	µg/L	0.06 J			0.12 U	0.16 U			0.17	0.13	0.11 UJ	0.52	0.2 U	
Phenanthrene	µg/L	0.0028 U			0.0041 J	0.004 J			0.0038 U	0.0038 U	0.0032 UJ	0.0032 U	0.02 U	
Pyrene	µg/L	0.0024 U			0.0037 U	0.0037 U			0.0037 U	0.0037 U	0.0023 UJ	0.0023 U	0.02 U	
Total PAHs (calculated)	µg/L	0.0658			0.0115	0.004			0.189	0.1497	0.11 U	0.52	0.0071	

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date	MW-15	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-17	MW-17
		MW-15 8/9/2006	GW04104 2/18/2004	GW04202 4/15/2004	GW04303 7/15/2004	GW04403 10/12/2004	GW05101 1/17/2005	MW-16 11/3/2005	MW-16 2/16/2006	MW-16 5/22/2006	MW-16 8/8/2006	GW04105 2/18/2004	GW04203 4/15/2004
<b>Conventionals</b>													
Alkalinity	mg/L							54	32				
Ammonia as Nitrogen	mg/L												
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L												
Dissolved Bicarbonate	mg/L												
Chemical Oxygen Demand	mg/L												
Chloride	mg/L		3.8	5.7	4.5	11.6	6	13.6	6.2			6.4	6.5
Coliforms	MPN/100 mL												
Conductivity	umhos/cm												
Specific Conductance	mS/cm		0.204	0.229	0.24	0.253	0.231					0.108	0.1
Dissolved Oxygen	mg/L	5.8	10.1	4.19	5.09	5.42	7.47	7.8	13.4	9.9	7.6	14.33	10.47
Eh	mV	370	161	206	226	177	7	237	175	-1	358	158	203
Ethane	µg/L							0.35	U	0.38	U		
Ethene	µg/L							0.55	U	0.55	U		
Ferrous Iron	mg/L							0	U	0.05			
Methane	µg/L							0.3	U	0.3	U		
Nitrate as Nitrogen	mg/L							7.3	J	0.8			
Nitrate+Nitrite as Nitrogen	mg/L												
Nitrite as Nitrogen	mg/L												
pH	--	5.92	3.65	5.62	5.43	5.75	5.24	6.1	6.58	5.62	5.79	3.74	5.73
Sulfate	mg/L							3.5	7.7				
Sulfide	mg/L												
Temperature	C	12.1	11.12	11.42	12.28	12.26	11.65	10.8	11.3	11.4	11.5	11.03	11
Total Dissolved Solids	mg/L												
Total Organic Carbon	mg/L												
Total Suspended Solids	mg/L		5	U	5	U	12	45	27			5	U
Tannin and Lignin	mg/L												
Turbidity	NTU	0						61	320	0	0		
<b>Metals</b>													
Copper	mg/L		0.008	U	0.005	U	0.004	U	0.007	U		0.008	U
Iron	mg/L		0.193		0.255		0.746	3.09	1.92			0.277	0.0686
<b>Dissolved Metals</b>													
Arsenic	mg/L												
Barium	mg/L												
Cadium	mg/L												
Calcium	mg/L												
Copper	mg/L												
Iron	mg/L												
Magnesium	mg/L												
Manganese	mg/L												
Nickel	mg/L												
Potassium	mg/L												
Sodium	mg/L												
Zinc	mg/L												
<b>TPH</b>													
Diesel	µg/L												
Heavy Fuel Oil	µg/L												
Jet Fuel as Jet A	µg/L												
Kerosene	µg/L												
Lube Oil	µg/L												
Mineral Spirits	µg/L												
Non-PHC as Diesel	µg/L												
PHC as Diesel	µg/L												
Diesel Range Organics	µg/L		36	U	36	U	36	U	19	U		36	U
Residual Range Organics	µg/L		500	U	54	U	54	U	28	U		500	U
<b>Phenols</b>													
Phenol	µg/L												
2-Chlorophenol	µg/L												
2,4-Dichlorophenol	µg/L												
2,6-Dichlorophenol	µg/L												
3,4-Dichlorophenol	µg/L		2	U	2	U	2	U	0.3	U		2	U
3,5-Dichlorophenol	µg/L		2	U	2	U	2	U	0.65	U		2	U
2,4,5-Trichlorophenol	µg/L		0.33	U	0.5	U	0.5	U	0.27	U		1.3	U
2,4,6-Trichlorophenol	µg/L		0.17	U	0.16	U	0.16	U	0.096	U		0.17	U
2,3,4,5-Tetrachlorophenol	µg/L												
2,3,5,6-Tetrachlorophenol	µg/L												
Pentachlorophenol	µg/L	100	0.12	U	0.095	U	0.095	U	0.29	U	0.29	U	0.13
2-Methylphenol	µg/L												
4-Methylphenol	µg/L												
2,4-Dimethylphenol	µg/L												
2-Nitrophenol	µg/L												
4-Nitrophenol	µg/L												
2,4-Dinitrophenol	µg/L												
4,6-Dinitro-2-methylphenol	µg/L												
4-Chloro-3-methylphenol	µg/L												
Total Tetrachlorophenols	µg/L		0.27	U	0.26	U	0.26	U	0.66	U		0.27	U
<b>PAHs</b>													
2-Methylnaphthalene	µg/L	0.0042	U	0.02	U	0.0072	J	0.0043	J	0.0051	J	0.02	U
Acenaphthene	µg/L	0.0031	U	0.002	U	0.0024	U	0.0024	U	0.0042	U	0.02	U
Acenaphthylene	µg/L	0.0023	U	0.0018	U	0.0011	U	0.0011	U	0.0061	U	0.0018	U
Anthracene	µg/L	0.0039	U	0.02	U	0.0022	J	0.0022	U	0.0039	U	0.0039	U
Benzo(a)anthracene	µg/L	0.0039	U	0.0021	U	0.0022	U	0.0022	U	0.004	U	0.0021	U
Benzo(a)pyrene	µg/L	0.0043	U	0.0016	U	0.0013	U	0.0013	U	0.0041	U	0.0016	U
Benzo(b)fluoranthene	µg/L	0.0046	U	0.002	U	0.002	U	0.002	U	0.0048	U	0.002	U
Benzo(g,h,i)perylene	µg/L	0.0041	U	0.0037	U	0.0033	U	0.0033	U	0.0041	U	0.0037	U
Benzo(k)fluoranthene	µg/L	0.0051	U	0.02	U	0.0036	U	0.0036	U	0.0041	U	0.0014	U
Chrysene	µg/L	0.0053	U	0.02	U	0.0028	U	0.0028	U	0.0036	U	0.0013	U
Dibenz(a,h)anthracene	µg/L	0.0036	U	0.0017	U	0.0028	U	0.0028	U	0.0066	U	0.0017	U
Fluoranthene	µg/L	0.0047	U	0.0024	U	0.003	U	0.003	U	0.0042	U	0.0024	U
Fluorene	µg/L	0.0036	U	0.0026	U	0.0024	U	0.0024	U	0.0051	U	0.0026	U
Indeno(1,2,3-cd)pyrene	µg/L	0.0033	U	0.0021	U	0.0015	U	0.0015	U	0.0038	U	0.0021	U
Naphthalene	µg/L	0.012	J	0.02	U	0.02	U	0.02	U	0.0085	J	0.02	U
Phenanthrene	µg/L	0.0032	U	0.0032	U	0.0038	J	0.0028	U	0.0038	U	0.0039	U
Pyrene	µg/L	0.0047	U	0.0023	U	0.0024	U	0.0024	U	0.0037	U	0.0023	U
Total PAHs (calculated)	µg/L	0.012	0.02	U	0.006	0.02	U	0.0085	0.014	U	0.1	0.025	U

**Table 4-6. Monitoring Wells: Field Parameters, Conventional, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Unit	Station	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-18	MW-18	MW-18	MW-18	MW-18
		Sample ID	GW04304	GW04404	GW05102	MW-17	MW-17	MW-17	MW-17	MW-17	GW04106	GW04204	GW04305	GW04405
		Date	7/15/2004	10/14/2004	1/17/2005	11/3/2005	2/16/2006	5/22/2006	8/8/2006	2/19/2004	4/15/2004	7/19/2004	10/14/2004	1/17/2005
<b>Conventional</b>														
Alkalinity	mg/L					33		61						
Ammonia as Nitrogen	mg/L													
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L													
Dissolved Bicarbonate	mg/L													
Chemical Oxygen Demand	mg/L													
Chloride	mg/L	6	6.4	6.5	4.5	7.9				7.4	3.5	4.6	11.8	8.2
Coliforms	MPN/100 mL													
Conductivity	umhos/cm													
Specific Conductance	mS/cm	0.109	0.11	0.103						0.176	0.147	0.181	0.209	0.156
Dissolved Oxygen	mg/L	10.18	7.54	11.19	9.8	9.6	8.4	5.6	12.31	10.02	10.01	7.02	10.92	
Eh	mV	260	126	6	247	206	258	356	120	205	233	148	5	
Ethane	µg/L				0.35 U	0.38 U								
Ethene	µg/L				0.55 U	0.55 U								
Ferrous Iron	mg/L				0 U	0.08 U								
Methane	µg/L				0.3 U	0.3 U								
Nitrate as Nitrogen	mg/L				0.008 U	10.3								
Nitrate+Nitrite as Nitrogen	mg/L													
Nitrite as Nitrogen	mg/L													
pH	--	5.2	6.2	5.11	6.3	6.39	5.68	5.89	4.42	6.08	5.46	6.18	5.28	
Sulfate	mg/L				5.9	3.9								
Sulfide	mg/L													
Temperature	C	11.23	11.7	11.46	10.9	11.5	11.8	12	11.44	11.4	11.71	11.68	11.6	
Total Dissolved Solids	mg/L													
Total Organic Carbon	mg/L													
Total Suspended Solids	mg/L	5 U	6	5 U					5 U	5 U	5 U	22	6	
Tannin and Lignin	mg/L													
Turbidity	NTU				30	290	90	0						
<b>Metals</b>														
Copper	mg/L	0.004 UJ	0.007 U	0.007 U						0.008 U	0.005 U	0.004 UJ	0.007 U	0.007 U
Iron	mg/L	0.125	0.174	0.389						0.176	0.0242 U	0.825	0.839	0.226
<b>Dissolved Metals</b>														
Arsenic	mg/L													
Barium	mg/L													
Cadium	mg/L													
Calcium	mg/L													
Copper	mg/L													
Iron	mg/L													
Magnesium	mg/L													
Manganese	mg/L													
Nickel	mg/L													
Potassium	mg/L													
Sodium	mg/L													
Zinc	mg/L													
<b>TPH</b>														
Diesel	µg/L													
Heavy Fuel Oil	µg/L													
Jet Fuel as Jet A	µg/L													
Kerosene	µg/L													
Lube Oil	µg/L													
Mineral Spirits	µg/L													
Non-PHC as Diesel	µg/L													
PHC as Diesel	µg/L													
Diesel Range Organics	µg/L	36 U	36 U	19 UJ						36 U	36 U	36 U	36 U	19 UJ
Residual Range Organics	µg/L	54 U	54 U	28 UJ						500 U	54 U	54 U	54 U	28 UJ
<b>Phenols</b>														
Phenol	µg/L													
2-Chlorophenol	µg/L													
2,4-Dichlorophenol	µg/L													
2,6-Dichlorophenol	µg/L													
3,4-Dichlorophenol	µg/L	2 U	2 U	0.3 UJ						2 U	2 U	2 U	2 U	0.3 UJ
3,5-Dichlorophenol	µg/L	2 U	2 UJ	0.65 UJ						2 U	2 U	2 UJ	0.65 UJ	
2,4,5-Trichlorophenol	µg/L	0.5 U	0.5 U	0.27 UJ						1.2 UJ	0.5 U	0.5 U	0.5 U	0.27 UJ
2,4,6-Trichlorophenol	µg/L	0.16 U	0.16 U	0.096 UJ						0.17 U	0.16 U	0.16 U	0.16 U	0.096 UJ
2,3,4,5-Tetrachlorophenol	µg/L													
2,3,5,6-Tetrachlorophenol	µg/L													
Pentachlorophenol	µg/L	0.095 U	0.095 U	0.29 UJ	0.29 U	0.29 U	0.13 U	0.13 UJ	0.12 U	0.095 U	0.095 U	0.095 U	0.095 U	0.29 UJ
2-Methylphenol	µg/L													
4-Methylphenol	µg/L													
2,4-Dimethylphenol	µg/L													
2-Nitrophenol	µg/L													
4-Nitrophenol	µg/L													
2,4-Dinitrophenol	µg/L													
4,6-Dinitro-2-methylphenol	µg/L													
4-Chloro-3-methylphenol	µg/L													
Total Tetrachlorophenols	µg/L	0.26 U	0.26 U	0.66 UJ						0.27 U	0.26 U	0.26 U	0.26 U	0.66 UJ
<b>PAHs</b>														
2-Methylnaphthalene	µg/L	0.005 J	0.0076 J	0.0093 UJ	0.032 U	0.02 U	0.02 U	0.02 UJ	0.02 U	0.0038 U	0.02 U	0.0096 J	0.0053 UJ	
Acenaphthene	µg/L	0.0024 U	0.0042 U	0.0042 UJ	0.002 U	0.002 U	0.002 U	0.0031 UJ	0.002 U	0.0024 U	0.02 U	0.0042 U	0.0042 UJ	
Acenaphthylene	µg/L	0.0037 UJ	0.0031 U	0.0079 UJ	0.0018 U	0.02 U	0.0018 U	0.0023 UJ	0.0018 U	0.0011 U	0.02 U	0.0031 U	0.0031 UJ	0.005 UJ
Anthracene	µg/L	0.0022 U	0.0039 U	0.0042 UJ	0.0011 U	0.02 U	0.0011 U	0.0039 UJ	0.02 U	0.0022 U	0.0022 U	0.0039 U	0.0039 UJ	
Benzo(a)anthracene	µg/L	0.0022 U	0.004 U	0.0061 UJ	0.0021 U	0.0021 U	0.0021 U	0.0039 UJ	0.0021 U	0.0022 U	0.0022 U	0.004 U	0.004 UJ	
Benzo(a)pyrene	µg/L	0.0013 U	0.0041 U	0.0051 UJ	0.0016 U	0.0016 U	0.002 J	0.0043 UJ	0.0016 U	0.0013 U	0.0016 J	0.0041 U	0.0041 UJ	
Benzo(b)fluoranthene	µg/L	0.002 U	0.0048 U	0.0048 UJ	0.002 U	0.002 U	0.0026 J	0.0046 UJ	0.002 U	0.002 U	0.002 U	0.0048 U	0.0048 UJ	
Benzo(g,h,i)perylene	µg/L	0.0035 J	0.0041 U	0.0048 UJ	0.0037 U	0.0037 U	0.0037 U	0.0041 UJ	0.0037 U	0.0033 U	0.0033 U	0.0041 U	0.0041 UJ	
Benzo(k)fluoranthene	µg/L	0.0036 U	0.0041 U	0.0041 UJ	0.0014 U	0.0014 U	0.0023 J	0.0051 UJ	0.02 U	0.0036 U	0.0036 U	0.0041 U	0.0041 UJ	
Chrysene	µg/L	0.0028 U	0.0036 U	0.0045 UJ	0.0013 U	0.0013 U	0.02 U	0.0053 UJ	0.0013 U	0.0028 U	0.0028 U	0.0036 U	0.0036 UJ	
Dibenz(a,h)anthracene	µg/L	0.0028 U	0.0066 U	0.0066 UJ	0.0017 U	0.0017 U	0.0019 J	0.0036 UJ	0.0017 U	0.0028 U	0.0028 U	0.0066 U	0.0066 UJ	
Fluoranthene	µg/L	0.02 J	0.0042 U	0.0058 UJ	0.0024 U	0.0024 U	0.0037 J	0.0047 UJ	0.0024 U	0.003 U	0.0039 J	0.0042 U	0.0042 UJ	
Fluorene	µg/L	0.0024 U	0.0051 U	0.0051 UJ	0.02 U	0.02 U	0.0026 U	0.0036 UJ	0.0026 U	0.0024 U	0.02 U	0.0051 U	0.0051 UJ	
Indeno(1,2,3-cd)pyrene	µg/L	0.0015 U	0.0038 U	0.0048 UJ	0.0021 U	0.0021 U	0.0021 U	0.0033 UJ	0.0021 U	0.0015 U	0.0015 U	0.0038 U	0.0038 UJ	
Naphthalene	µg/L	0.02 U	0.01 J	0.015 UJ	0.048	0.031 U	0.02 U	0.021 UJ	0.02 U	0.0042 J	0.02 U	0.013 J	0.011 UJ	
Phenanthrene	µg/L	0.0043 J	0.0038 U	0.0058 UJ	0.02 U	0.02 U	0.0032 U	0.0032 UJ	0.0032 U	0.0028 U	0.02 U	0.0038 U	0.0038 UJ	
Pyrene	µg/L	0.067	0.0037 U	0.0047 UJ	0.0023 U	0.02 U	0.02 U	0.0047 UJ	0.0023 U	0.0024 U	0.0024 U	0.0037 U	0.0037 UJ	
Total PAHs (calculated)	µg/L	0.0948	0.01	0.015 U	0.048	0.031 U	0.0125	0.021 U	0.02 U	0.0042	0.0055	0.013	0.011 U	

**Table 4-6. Monitoring Wells: Field Parameters, Conventional, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Unit	Station	MW-18	MW-5	MW-5	MW-5	MW-5												
		Sample ID	MW-18	MW-C	MW-18	MW-C	MW-18	MW-C	MW-18	MW-C	MW-18	MW-C	MW-5	MW-5	MW-5	MW-5			
		Date	11/3/2005	11/3/2005	2/16/2006	2/16/2006	5/22/2006	5/22/2006	8/8/2006	8/8/2006	8/29/1990	1/14/1998	4/15/1998	7/15/1998					
			Field dup	Field blank	Field blank	Field blank	Field blank												
<b>Conventional</b>																			
Alkalinity	mg/L		56	55	52	51						20	U	20	U	2	U		
Ammonia as Nitrogen	mg/L																		
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L											20	U	20	U	2	U		
Dissolved Bicarbonate	mg/L																		
Chemical Oxygen Demand	mg/L																		
Chloride	mg/L		8.7	8.5	6.6	6.6						0.2	U	0.2	U	0.2	U		
Coliforms	MPN/100 mL																		
Conductivity	umhos/cm																		
Specific Conductance	mS/cm																		
Dissolved Oxygen	mg/L			10.6	13.7		12.2		5.7										
Eh	mV		231		190		251		240										
Ethane	µg/L		0.35	U	0.35	U	0.38	U	0.38	U									
Ethene	µg/L		0.55	U	0.55	U	0.55	U	0.55	U									
Ferrous Iron	mg/L		0	U	0	U													
Methane	µg/L		0.6	U	0.3	U	0.3	U	0.3	U									
Nitrate as Nitrogen	mg/L		1.3		1.2		1.3		1.3										
Nitrate+Nitrite as Nitrogen	mg/L																		
Nitrite as Nitrogen	mg/L																		
pH	--		6.4		6.74		5.68		5.82										
Sulfate	mg/L		6.8	6.8	10.6	10.7										0.2	U		
Sulfide	mg/L											0.2	U	0.2	U				
Temperature	C		11.2		11.2		11.5		13.7										
Total Dissolved Solids	mg/L																		
Total Organic Carbon	mg/L											0.5	U	0.2	U	0.5	U		
Total Suspended Solids	mg/L																		
Tannin and Lignin	mg/L																		
Turbidity	NTU		23		330		100		0										
<b>Metals</b>																			
Copper	mg/L																		
Iron	mg/L																		
<b>Dissolved Metals</b>																			
Arsenic	mg/L																		
Barium	mg/L																		
Cadium	mg/L																		
Calcium	mg/L											0.05	U	0.054		0.053			
Copper	mg/L																		
Iron	mg/L											0.02	U	0.02	U	0.02	U		
Magnesium	mg/L											0.017		0.011		0.021			
Manganese	mg/L											0.005	U	0.005	U	0.005	U		
Nickel	mg/L																		
Potassium	mg/L											2	U	2	U	2	U		
Sodium	mg/L											0.1	U	0.1	U	0.1	U		
Zinc	mg/L																		
<b>TPH</b>																			
Diesel	µg/L																		
Heavy Fuel Oil	µg/L																		
Jet Fuel as Jet A	µg/L																		
Kerosene	µg/L																		
Lube Oil	µg/L																		
Mineral Spirits	µg/L																		
Non-PHC as Diesel	µg/L																		
PHC as Diesel	µg/L																		
Diesel Range Organics	µg/L																		
Residual Range Organics	µg/L																		
<b>Phenols</b>																			
Phenol	µg/L											10	U	0.2		0.4		0.8	
2-Chlorophenol	µg/L											10	U	0.2	U	0.2	U	0.2	U
2,4-Dichlorophenol	µg/L											10	U	0.2	U	0.2	U	0.2	U
2,6-Dichlorophenol	µg/L																		
3,4-Dichlorophenol	µg/L																		
3,5-Dichlorophenol	µg/L																		
2,4,5-Trichlorophenol	µg/L											50	U						
2,4,6-Trichlorophenol	µg/L											10	U	0.2	U	0.2	U	0.2	U
2,3,4,5-Tetrachlorophenol	µg/L																		
2,3,5,6-Tetrachlorophenol	µg/L																		
Pentachlorophenol	µg/L		0.29	U	0.29	U	0.29	U	0.29	U	0.13	U	0.13	U	0.13	U	0.13	U	
2-Methylphenol	µg/L											10	U						
4-Methylphenol	µg/L											10	U						
2,4-Dimethylphenol	µg/L											10	U	0.2	U	0.2	U	0.2	U
2-Nitrophenol	µg/L											10	U	0.2	U	0.2	U	0.2	U
4-Nitrophenol	µg/L											50	U	0.5	U	0.5	U	0.5	U
2,4-Dinitrophenol	µg/L											50	U	0.5	U	0.5	U	0.5	U
4,6-Dinitro-2-methylphenol	µg/L											50	U	0.5	U	0.5	U	0.5	U
4-Chloro-3-methylphenol	µg/L											10	U	0.2	U	0.2	U	0.2	U
Total Tetrachlorophenols	µg/L																		
<b>PAHs</b>																			
2-Methylnaphthalene	µg/L		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	
Acenaphthene	µg/L		0.002	U	0.002	U	0.002	U	0.002	U	0.0031	U	0.0031	U	0.0031	U	0.0031	U	
Acenaphthylene	µg/L		0.0018	U	0.02	U	0.0018	U	0.02	U	0.0023	U	0.0023	U	0.0023	U	0.0023	U	
Anthracene	µg/L		0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0039	U	0.0039	U	0.0039	U	0.0039	U	
Benzo(a)anthracene	µg/L		0.0021	U	0.0021	U	0.0021	U	0.0021	U	0.0039	U	0.0039	U	0.0039	U	0.0039	U	
Benzo(a)pyrene	µg/L		0.0016	U	0.0016	U	0.0016	U	0.0016	U	0.0043	U	0.0043	U	0.0043	U	0.0043	U	
Benzo(b)fluoranthene	µg/L		0.002	U	0.002	U	0.002	U	0.002	U	0.0046	U	0.0046	U	0.0046	U	0.0046	U	
Benzo(g,h,i)perylene	µg/L		0.0037	U	0.0037	U	0.0037	U	0.0037	U	0.0041	U	0.0041	U	0.0041	U	0.0041	U	
Benzo(k)fluoranthene	µg/L		0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0051	U	0.0051	U	0.0051	U	0.0051	U	
Chrysene	µg/L		0.0013	U	0.0013	U	0.0013	U	0.0013	U	0.0053	U	0.0053	U	0.0053	U	0.0053	U	
Dibenz(a,h)anthracene	µg/L		0.0017	U	0.0017	U	0.0017	U	0.0017	U	0.0036	U	0.0036	U	0.0036	U	0.0036	U	
Fluoranthene	µg/L		0.0024	U	0.0024	U	0.0024	U	0.0024	U	0.0047	U	0.0047	U	0.0047	U	0.0047	U	
Fluorene	µg/L		0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0036	U	0.0036	U	0.0036	U	0.0036	U	
Indeno(1,2,3-cd)pyrene	µg/L		0.0021	U	0.0021	U	0.0021	U	0.0021	U	0.0033	U	0.0033	U	0.0033	U	0.0033	U	
Naphthalene	µg/L		0.028	U	0.027	U	0.02	U	0.02	U	0.023	U	0.024	U	0.024	U	0.024	U	
Phenanthrene	µg/L		0.02	U	0.02	U	0.0032	U	0.0032	U	0.0032	U	0.0032	U	0.0032	U	0.0032	U	
Pyrene	µg/L		0.0023	U	0.0023	U	0.0023	U	0.0023	U	0.0047	U	0.0047	U	0.0047	U	0.		

**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date	MW-5	MW-B	MW-B	MW-B								
		MW-5 10/6/1998	MW-5 1/12/1999	MW-5 1/21/1999	MW-5 4/13/1999	MW-5 7/21/1999	MW-5 10/4/1999	MW-5 1/11/2000	MW-5 4/18/2000	MW-5 10/4/2000	MW-B 4/5/2001	MW-B 7/12/2001	MW-B 10/8/2001
Unit	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank	Field blank
<b>Conventionals</b>													
Alkalinity	mg/L	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U			
Ammonia as Nitrogen	mg/L												
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U			
Dissolved Bicarbonate	mg/L												
Chemical Oxygen Demand	mg/L												
Chloride	mg/L	0.2 U	0.2 U		0.2 U								
Coliforms	MPN/100 mL		2 U										
Conductivity	umhos/cm									2 U			
Specific Conductance	mS/cm												
Dissolved Oxygen	mg/L												
Eh	mV												
Ethane	µg/L												
Ethene	µg/L												
Ferrous Iron	mg/L												
Methane	µg/L												
Nitrate as Nitrogen	mg/L												
Nitrate+Nitrite as Nitrogen	mg/L												
Nitrite as Nitrogen	mg/L												
pH	--									5.73			
Sulfate	mg/L				0.2 U				0.2 U	0.2 U			
Sulfide	mg/L	0.2 U	0.2 U			0.4	0.2 U						
Temperature	C												
Total Dissolved Solids	mg/L												
Total Organic Carbon	mg/L	2.2	0.5 U		0.5 U								
Total Suspended Solids	mg/L							4 U		5 U	5 U	5 U	5 U
Tannin and Lignin	mg/L												
Turbidity	NTU												
<b>Metals</b>													
Copper	mg/L												
Iron	mg/L												
<b>Dissolved Metals</b>													
Arsenic	mg/L												
Barium	mg/L												
Cadium	mg/L												
Calcium	mg/L	0.05 U	0.062		0.05 U	0.061	0.142	0.05 U	0.05 U	0.06	0.00005 U	0.05 U	0.235
Copper	mg/L												
Iron	mg/L	0.02 U	0.02 U		0.02 U	0.00002 U	0.02 U	0.02 U					
Magnesium	mg/L	0.013	0.013		0.01 U	0.02	0.039	0.01 U	0.02 U	0.02 U	0.00002 U	0.02 U	0.077
Manganese	mg/L	0.005 U	0.005 U		0.005 U								
Nickel	mg/L												
Potassium	mg/L	2 U	2 U		2 U	2 U	2 U	2 U	2 U	2 U	0.002 U	2 U	2 U
Sodium	mg/L	0.1 U	0.1 U		0.1 U	0.1 U	0.112	0.17	0.1 U	0.1	0.0001 U	0.1 U	0.845
Zinc	mg/L												
<b>TPH</b>													
Diesel	µg/L												
Heavy Fuel Oil	µg/L												
Jet Fuel as Jet A	µg/L												
Kerosene	µg/L												
Lube Oil	µg/L												
Mineral Spirits	µg/L												
Non-PHC as Diesel	µg/L												
PHC as Diesel	µg/L												
Diesel Range Organics	µg/L												
Residual Range Organics	µg/L												
<b>Phenols</b>													
Phenol	µg/L	0.2 U		0.3	4.6	2.8	0.2 U	6.2	0.2 U				
2-Chlorophenol	µg/L	0.2 U		0.2 U									
2,4-Dichlorophenol	µg/L	0.2 U		0.2 U									
2,6-Dichlorophenol	µg/L												
3,4-Dichlorophenol	µg/L												
3,5-Dichlorophenol	µg/L												
2,4,5-Trichlorophenol	µg/L												
2,4,6-Trichlorophenol	µg/L	0.2 U		0.2 U									
2,3,4,5-Tetrachlorophenol	µg/L												
2,3,5,6-Tetrachlorophenol	µg/L												
Pentachlorophenol	µg/L	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	1	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
2-Methylphenol	µg/L												
4-Methylphenol	µg/L												
2,4-Dimethylphenol	µg/L	0.2 U		0.2 U									
2-Nitrophenol	µg/L	0.2 U		0.2 U									
4-Nitrophenol	µg/L	0.5 U		0.5 U									
2,4-Dinitrophenol	µg/L	0.5 U		0.5 U									
4,6-Dinitro-2-methylphenol	µg/L	0.5 U		0.5 U									
4-Chloro-3-methylphenol	µg/L	0.2 U		0.2 U									
Total Tetrachlorophenols	µg/L												
<b>PAHs</b>													
2-Methylnaphthalene	µg/L												
Acenaphthene	µg/L	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U			
Acenaphthylene	µg/L	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U			
Anthracene	µg/L	0.1 U		0.1 U									
Benzo(a)anthracene	µg/L	0.1 U		0.1 U									
Benzo(a)pyrene	µg/L	0.1 U		0.1 U									
Benzo(b)fluoranthene	µg/L	0.2 U		0.2 U									
Benzo(g,h,i)perylene	µg/L	0.2 U		0.2 U									
Benzo(k)fluoranthene	µg/L	0.1 U		0.1 U									
Chrysene	µg/L	0.1 U		0.1 U									
Dibenz(a,h)anthracene	µg/L	0.1 U		0.1 U									
Fluoranthene	µg/L	0.2 U		0.2 U									
Fluorene	µg/L	0.2 U		0.2 U									
Indeno(1,2,3-cd)pyrene	µg/L	0.1 U		0.1 U									
Naphthalene	µg/L	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U			
Phenanthrene	µg/L	0.1 U		0.1 U									
Pyrene	µg/L	0.2 U		0.4 U	0.2 U								
Total PAHs (calculated)	µg/L	1 U		1 U	0.1	1 U	1 U	0.1	1 U	1 U			



**Table 4-6. Monitoring Wells: Field Parameters, Conventionals, Metals, Phenols, PAHs, and TPH (1990-2006)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Unit	Station	GW04205	GW04301	GW04407	FIELD	FIELD	FIELD	FIELD	FIELD
		Sample ID	GW04205	GW04301	GW04407	MW-A	MWD	MWD	MW-D	MW-D
		Date	4/15/2004	7/19/2004	10/18/2004	1/11/2005	11/4/2005	5/22/2006	2/16/2006	8/8/2006
			Field blank							
<b>Conventionals</b>										
Alkalinity	mg/L						1 U		1 U	
Ammonia as Nitrogen	mg/L									
Bicarb. Alkalinity as CaCO <sub>3</sub>	mg/L									
Dissolved Bicarbonate	mg/L									
Chemical Oxygen Demand	mg/L									
Chloride	mg/L		0.03 U	0.03 U	0.2		0.04 U		0.04 U	
Coliforms	MPN/100 mL									
Conductivity	umhos/cm									
Specific Conductance	mS/cm									
Dissolved Oxygen	mg/L									
Eh	mV									
Ethane	µg/L								0.38 U	
Ethene	µg/L								0.55 U	
Ferrous Iron	mg/L									
Methane	µg/L								1.1	
Nitrate as Nitrogen	mg/L									
Nitrate+Nitrite as Nitrogen	mg/L									
Nitrite as Nitrogen	mg/L						0.008 U		0.008 U	
pH	--									
Sulfate	mg/L						0.12 U		0.06 U	
Sulfide	mg/L									
Temperature	C									
Total Dissolved Solids	mg/L									
Total Organic Carbon	mg/L									
Total Suspended Solids	mg/L					5 U				
Tannin and Lignin	mg/L									
Turbidity	NTU									
<b>Metals</b>										
Copper	mg/L		0.005 U	0.004 UJ	0.004 U					
Iron	mg/L		0.006 U	0.02 U	0.02 U					
<b>Dissolved Metals</b>										
Arsenic	mg/L									
Barium	mg/L									
Cadium	mg/L									
Calcium	mg/L					0.0108 U				
Copper	mg/L									
Iron	mg/L					0.02 U				
Magnesium	mg/L					0.0046 U				
Manganese	mg/L									
Nickel	mg/L									
Potassium	mg/L					0.7 U				
Sodium	mg/L					0.06 U				
Zinc	mg/L									
<b>TPH</b>										
Diesel	µg/L									
Heavy Fuel Oil	µg/L									
Jet Fuel as Jet A	µg/L									
Kerosene	µg/L									
Lube Oil	µg/L									
Mineral Spirits	µg/L									
Non-PHC as Diesel	µg/L									
PHC as Diesel	µg/L									
Diesel Range Organics	µg/L			36 U	36 U					
Residual Range Organics	µg/L			54 U	54 U					
<b>Phenols</b>										
Phenol	µg/L									
2-Chlorophenol	µg/L									
2,4-Dichlorophenol	µg/L									
2,6-Dichlorophenol	µg/L									
3,4-Dichlorophenol	µg/L				2 U	0.3 U				
3,5-Dichlorophenol	µg/L				2 UJ	0.65 U				
2,4,5-Trichlorophenol	µg/L				0.5 U	0.27 U				
2,4,6-Trichlorophenol	µg/L				0.16 U	0.096 U				
2,3,4,5-Tetrachlorophenol	µg/L									
2,3,5,6-Tetrachlorophenol	µg/L									
Pentachlorophenol	µg/L				0.095 U	0.97 J	0.29 U	0.13 U	0.29 U	0.13 UJ
2-Methylphenol	µg/L									
4-Methylphenol	µg/L									
2,4-Dimethylphenol	µg/L									
2-Nitrophenol	µg/L									
4-Nitrophenol	µg/L									
2,4-Dinitrophenol	µg/L									
4,6-Dinitro-2-methylphenol	µg/L									
4-Chloro-3-methylphenol	µg/L									
Total Tetrachlorophenols	µg/L				0.26 U	0.66 U				
<b>PAHs</b>										
2-Methylnaphthalene	µg/L		0.31	0.41	0.055		0.023 U	0.022	0.0099 J	0.012 J
Acenaphthene	µg/L		0.02 J	0.026	0.0042 U		0.002 U	0.0051 J	0.002 U	0.0031 UJ
Acenaphthylene	µg/L		0.0071 J	0.015 J	0.013 J		0.0018 U	0.0018 U	0.0018 U	0.0023 UJ
Anthracene	µg/L		0.003 U	0.0031 J	0.0087 J		0.0011 U	0.0011 U	0.0011 U	0.0039 UJ
Benzo(a)anthracene	µg/L		0.003 U	0.0022 U	0.004 U		0.0021 U	0.0021 U	0.0021 U	0.0039 UJ
Benzo(a)pyrene	µg/L		0.0018 U	0.0013 U	0.0041 U		0.0016 U	0.0016 U	0.0016 U	0.0043 UJ
Benzo(b)fluoranthene	µg/L		0.0027 U	0.002 U	0.0048 U		0.002 U	0.002 U	0.002 U	0.0046 UJ
Benzo(g,h,i)perylene	µg/L		0.0044 U	0.0033 U	0.0041 U		0.0037 U	0.0037 U	0.0037 U	0.0041 UJ
Benzo(k)fluoranthene	µg/L		0.0048 U	0.0036 U	0.0041 U		0.0014 U	0.0014 U	0.0014 U	0.0051 UJ
Chrysene	µg/L		0.0038 U	0.0028 U	0.0036 U		0.0013 U	0.0013 U	0.02 U	0.0053 UJ
Dibenz(a,h)anthracene	µg/L		0.0038 U	0.0028 J	0.0066 U		0.0017 U	0.0017 U	0.0017 U	0.0036 UJ
Fluoranthene	µg/L		0.004 U	0.003 U	0.0042 U		0.0024 U	0.0024 U	0.02 U	0.0047 UJ
Fluorene	µg/L		0.024 J	0.06	0.011 J		0.02 U	0.0039 J	0.0026 U	0.0036 UJ
Indeno(1,2,3-cd)pyrene	µg/L		0.002 U	0.0022 J	0.0038 U		0.0021 U	0.0021 U	0.0021 U	0.0033 UJ
Naphthalene	µg/L		0.27	0.26	0.1		0.025 U	0.071	0.031	0.033 J
Phenanthrene	µg/L		0.025 J	0.057	0.0038 U		0.02 U	0.02 U	0.0032 U	0.0032 UJ
Pyrene	µg/L		0.0032 U	0.0024 U	0.0037 U		0.0023 U	0.0023 U	0.0023 U	0.0047 UJ
Total PAHs (calculated)	µg/L		0.3461	0.4261	0.1327		0.025 U	0.08	0.031	0.033

**Notes**

µg/L = microgram per liter.  
 B = analyte was detected in the associated laboratory or field blank in addition to the sample.  
 C = Celsius.  
 i = method reporting limit and/or method detection limit had been elevated because of chromatographic interference.  
 J = analyte is an estimated quantity.  
 mg/L = milligram per liter.  
 MPN/100 mL = most probable number per 100 milliliters.  
 mS/cm = milliSiemens per centimeter.  
 mV = millivolts.  
 N = The matrix spike sample recovery is not within control limits.  
 NTU = nephelometric turbidity unit.  
 PAHs = polycyclic aromatic hydrocarbons.  
 R = analytical results are not useable because of major exceedances of quality control criteria. The analyte may or may not be present.  
 TPH = total petroleum hydrocarbons.  
 U = analyte not detected above the laboratory reporting limit.  
 UJ = analyte not detected above the estimated laboratory reporting limit.  
 umhos/cm = micromhos per centimeter.  
 Z = chromatographic fingerprint does not resemble a petroleum product.

**Table 4-7. HCMW-5 through HCMW-7: Field Parameters, Conventionals, Metals, Phenols, PAHs, TPH, and Volatiles (1990-2005)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	HCMW-5	
		HCMW-5 10/22/1999	HCMW-5 1/11/2000	HCMW-5 1/18/2001	HCMW-5 4/5/2001	HCMW-5 7/12/2001	HCMW-5 1/20/2003	HCMW-5 4/8/2003	HCMW-5 7/10/2003	HCMW-5 2/12/2004	HCMW-5 4/14/2004	HCMW-5 7/13/2004	
Unit													
<b>Conventionals</b>													
Chloride	mg/L							6.8					
Specific Conductance	mS/cm							0.203	0.208	0.158			
Dissolved Oxygen	mg/L							7.27	7.39	8.15	11.99	8.41	7.03
Eh	mV							267	383	134	168	236	147
pH	--							5.93	5.83	6.2	3.16	5.55	5.72
Total Suspended Solids	mg/L	60	996	5 U	5	5 U	5 U	5 U	5 U	5 U	6	5 U	11
Temperature	C							16.7	14	14.33	15.98	13.14	16.01
Turbidity	NTU							4.3	2.1	15.7			
<b>Metals</b>													
Copper	mg/L							0.008 U					
Iron	mg/L							0.228					
<b>Dissolved Metals</b>													
Calcium	mg/L			12.1	0.0107	13.2	17.1	7.85	8.91	13.7	5.77	6.79	
Iron	mg/L			0.02 U	0.00002 U	0.02 U	0.0088 B	0.02 U	0.006 U	0.0062 U	0.006 U	0.02 U	
Magnesium	mg/L			6.45	0.00624	7.66	9.93	4.07	5.3	4.01	2.73	3.55	
Potassium	mg/L			2 U	0.002 U	2 U	1.37 B	1.28 J	1.5 B	2.74	1.39 B	1.51 B	
Sodium	mg/L			5.32	0.00473	5.56	11.6	28.3	12	52.4	27.4	26.6	
<b>TPH</b>													
Diesel	µg/L	250 U						140 J					
Gasoline	µg/L	250 U											
Heavy Fuel Oil	µg/L	500 U											
Jet Fuel as Jet A	µg/L	250 U											
Kerosene	µg/L	250 U											
Lube Oil	µg/L	500 U											
Mineral Spirits	µg/L	250 U											
Non-PHC as Diesel	µg/L	500 U											
Non-PHC as Gasoline	µg/L	250 U											
PHC as Diesel	µg/L	500 U											
PHC as Gasoline	µg/L	250 U											
Diesel Range Organics	µg/L												
Residual Range Organics	µg/L							500 U					
<b>Phenols</b>													
3,4-Dichlorophenol	µg/L							0.2 U	0.2 U	2 U	2 U	2 U	
3,5-Dichlorophenol	µg/L							0.2 U	0.2 U	2 U	2 U	2 U	
2,4,5-Trichlorophenol	µg/L							0.5 U	0.5 U	0.67 U	0.5 U	0.5 U	
2,4,6-Trichlorophenol	µg/L	0.5 U						0.03 U	0.03 U	0.17 U	0.16 U	0.16 U	
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.06 U	0.5 U	0.082 J	0.12 U	0.3 J	0.095 U
Total Tetrachlorophenols	µg/L	0.5 U						0.4 U		0.4 U	1 U	0.26 U	0.26 U
<b>Volatiles</b>													
Benzene	µg/L	0.5 U											
Ethylbenzene	µg/L	1 U											
Toluene	µg/L	1 U											
Total Xylenes	µg/L	1 U											
<b>PAHs</b>													
2-Methylnaphthalene	µg/L							0.014 J					
Acenaphthene	µg/L							0.002 U					
Acenaphthylene	µg/L							0.0018 U					
Anthracene	µg/L							0.0011 U					
Benzo(a)anthracene	µg/L							0.0021 U					
Benzo(a)pyrene	µg/L							0.0016 U					
Benzo(b)fluoranthene	µg/L							0.002 U					
Benzo(g,h,i)perylene	µg/L							0.0037 U					
Benzo(k)fluoranthene	µg/L							0.0014 U					
Chrysene	µg/L							0.02 U					
Dibenz(a,h)anthracene	µg/L							0.0017 U					
Fluoranthene	µg/L							0.0024 U					
Fluorene	µg/L							0.0026 U					
Indeno(1,2,3-cd)pyrene	µg/L							0.0021 U					
Naphthalene	µg/L							0.01 J					
Phenanthrene	µg/L							0.0035 J					
Pyrene	µg/L							0.0023 U					
Total PAHs (calculated)	µg/L							0.0135					

**Table 4-7. HCMW-5 through HCMW-7: Field Parameters, Conventionals, Metals, Phenols, PAHs, TPH, and Volatiles (1990-2005)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date Unit	HCMW-5	HCMW-5	HCMW-6	HCMW-6								
		HCMW-5 10/13/2004	HCMW-5 1/11/2005	HCMW-6 7/10/2003	HCMW-6 1/11/2000	HCMW-6 7/11/2001	HCMW-6 10/8/2001	HCMW-6 10/9/2001	HCMW-6 1/15/2002	HCMW-6 4/10/2002	HCMW-6 7/10/2002	HCMW-6 10/24/2002	HCMW-6 GW1009
<b>Conventionals</b>													
Chloride	mg/L												
Specific Conductance	mS/cm		0.172										0.139
Dissolved Oxygen	mg/L	6.14	6.11										7.85
Eh	mV	150	1										410
pH	--	6.28	5.35										6.49
Total Suspended Solids	mg/L	11	10	31	960	218	38	38	5	U	7	9	5
Temperature	C	15.01	14.36										11.7
Turbidity	NTU		-10										3.6
<b>Metals</b>													
Copper	mg/L												
Iron	mg/L												
<b>Dissolved Metals</b>													
Calcium	mg/L	12.7	5.05			10.9	10.6	10.6	10.9	13.1	11.7		
Iron	mg/L	0.0133	B	0.02	U	0.026	0.02	U	0.02	U	0.02	U	0.0051
Magnesium	mg/L	6.66	1.69			7.04	7.17	7.17	7.16	8.57	7.52		6.45
Potassium	mg/L	2.42	0.954	B		2	U	2	U	2	U	2	U
Sodium	mg/L	73.4	27.5			4.48	4.44	4.44	4.38	4.91	4.65		4.16
<b>TPH</b>													
Diesel	µg/L												
Gasoline	µg/L												
Heavy Fuel Oil	µg/L												
Jet Fuel as Jet A	µg/L												
Kerosene	µg/L												
Lube Oil	µg/L												
Mineral Spirits	µg/L												
Non-PHC as Diesel	µg/L												
Non-PHC as Gasoline	µg/L												
PHC as Diesel	µg/L												
PHC as Gasoline	µg/L												
Diesel Range Organics	µg/L												45
Residual Range Organics	µg/L												500
<b>Phenols</b>													
3,4-Dichlorophenol	µg/L	2	U	0.3	U								2
3,5-Dichlorophenol	µg/L	2	UJ	0.65	U								0.2
2,4,5-Trichlorophenol	µg/L	0.5	U	0.27	U								0.5
2,4,6-Trichlorophenol	µg/L	0.16	U	0.096	U	0.5	U						0.03
Pentachlorophenol	µg/L	0.095	U	0.29	U	0.5	U	0.5	U	1.3	0.2	UJ	0.2
Total Tetrachlorophenols	µg/L	0.26	U	0.66	U	0.5	U						0.4
<b>Volatiles</b>													
Benzene	µg/L												
Ethylbenzene	µg/L												
Toluene	µg/L												
Total Xylenes	µg/L												
<b>PAHs</b>													
2-Methylnaphthalene	µg/L												0.039
Acenaphthene	µg/L												0.0021
Acenaphthylene	µg/L												0.0018
Anthracene	µg/L												0.0011
Benzo(a)anthracene	µg/L												0.0021
Benzo(a)pyrene	µg/L												0.0016
Benzo(b)fluoranthene	µg/L												0.002
Benzo(g,h,i)perylene	µg/L												0.0037
Benzo(k)fluoranthene	µg/L												0.0014
Chrysene	µg/L												0.0015
Dibenz(a,h)anthracene	µg/L												0.0017
Fluoranthene	µg/L												0.0024
Fluorene	µg/L												0.0046
Indeno(1,2,3-cd)pyrene	µg/L												0.0021
Naphthalene	µg/L												0.0081
Phenanthrene	µg/L												0.02
Pyrene	µg/L												0.0023
Total PAHs (calculated)	µg/L												0.0163

**Table 4-7. HCMW-5 through HCMW-7: Field Parameters, Conventionals, Metals, Phenols, PAHs, TPH, and Volatiles (1990-2005)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-7	HCMW-7
		HCMW 6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-6	HCMW-7
Unit	Date	1/20/2003	4/8/2003	7/10/2003	9/29/2003	2/12/2004	4/14/2004	7/13/2004	10/13/2004	1/11/2005	10/22/1999	1/11/2000	
<b>Conventionals</b>													
Chloride	mg/L												
Specific Conductance	mS/cm	0.121	0.147	0.15	0.142						0.143		
Dissolved Oxygen	mg/L	8.36	8.73	8.45	8.59	11.79	8.3	7.64	6.72	6.34			
Eh	mV	236	394	197	215	165	246	194	183	3			
pH	--	6.08	5.58	5.73	5.49	3.08	5.54	5.61	6.11	5.11			
Total Suspended Solids	mg/L	5 U	9	5 U	5 U	5 U	5 U	5 U	8	6	185	2330	
Temperature	C	11.2	11.5	13.6	11.39	11.53	11.31	12.07	11.62	11.57			
Turbidity	NTU	2.3	3.8	1.8	25.7					-10			
<b>Metals</b>													
Copper	mg/L	0.008 U											
Iron	mg/L	0.0278											
<b>Dissolved Metals</b>													
Calcium	mg/L	9.53	11.8	10.9	10.1	15.6	14	12.3	10.5	10.7			
Iron	mg/L	0.005 U	0.02 U	0.006 U	0.006 U	0.0075 U	0.006 U	0.02 U	0.01 U	0.02 U			
Magnesium	mg/L	6.34	7.54	7.04	6.94	9.78	8.91	7.75	6.93	6.83			
Potassium	mg/L	0.943 B	1.05 J	0.904 B	1.27 B	1.38 B	1.17 B	1.45 B	1.06 B	1.05 B			
Sodium	mg/L	4.03	4.76	4.58	4.46	5.37	5.04	4.91	4.35	4.45			
<b>TPH</b>													
Diesel	µg/L												
Gasoline	µg/L												
Heavy Fuel Oil	µg/L												
Jet Fuel as Jet A	µg/L												
Kerosene	µg/L												
Lube Oil	µg/L												
Mineral Spirits	µg/L												
Non-PHC as Diesel	µg/L												
Non-PHC as Gasoline	µg/L												
PHC as Diesel	µg/L												
PHC as Gasoline	µg/L												
Diesel Range Organics	µg/L	210 J											
Residual Range Organics	µg/L	500 U											
<b>Phenols</b>													
3,4-Dichlorophenol	µg/L	0.2 U		0.2 U	2 U	2 U	2 U	2 U	2 U	0.3 U			
3,5-Dichlorophenol	µg/L	0.2 U		0.2 U	2 U	2 U	2 U	2 U	2 U	0.65 U			
2,4,5-Trichlorophenol	µg/L	0.5 U		0.98 U	0.33 U	0.33 U	0.5 U	0.5 U	0.5 U	0.27 U			
2,4,6-Trichlorophenol	µg/L	0.03 U		0.03 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U	0.096 U	0.5 U		
Pentachlorophenol	µg/L	0.06 U	0.06 U	0.06 U	0.16 J	0.12 U	0.095 U	0.095 U	0.095 U	0.29 U	0.5 U	0.5 U	
Total Tetrachlorophenols	µg/L	0.4 U		0.4 U	0.27 U	0.27 U	0.26 U	0.26 U	0.26 U	0.66 U	0.5 U		
<b>Volatiles</b>													
Benzene	µg/L												
Ethylbenzene	µg/L												
Toluene	µg/L												
Total Xylenes	µg/L												
<b>PAHs</b>													
2-Methylnaphthalene	µg/L	0.0041 J											
Acenaphthene	µg/L	0.002 U											
Acenaphthylene	µg/L	0.0018 U											
Anthracene	µg/L	0.0011 U											
Benzo(a)anthracene	µg/L	0.0065 J											
Benzo(a)pyrene	µg/L	0.0025 J											
Benzo(b)fluoranthene	µg/L	0.0045 J											
Benzo(g,h,i)perylene	µg/L	0.0049 J											
Benzo(k)fluoranthene	µg/L	0.004 J											
Chrysene	µg/L	0.02 U											
Dibenz(a,h)anthracene	µg/L	0.0029 J											
Fluoranthene	µg/L	0.02 U											
Fluorene	µg/L	0.0026 U											
Indeno(1,2,3-cd)pyrene	µg/L	0.0047 J											
Naphthalene	µg/L	0.0039 J											
Phenanthrene	µg/L	0.0039 J											
Pyrene	µg/L	0.006 J											
Total PAHs (calculated)	µg/L	0.0438											

**Table 4-7. HCMW-5 through HCMW-7: Field Parameters, Conventionals, Metals, Phenols, PAHs, TPH, and Volatiles (1990-2005)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date Unit	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	
		HCMW-7 1/18/2001	HCMW-7 4/5/2001	HCMW-7 7/12/2001	HCMW-7 10/8/2001	HCMW-7 1/15/2002	HCMW-7 4/10/2002	HCMW-7 7/10/2002	HCMW-7 10/24/2002	HCMW-7 1/20/2003	HCMW-7 4/8/2003	HCMW-7 7/10/2003	
<b>Conventionals</b>													
Chloride	mg/L										9.6		
Specific Conductance	mS/cm									0.15	0.144	0.169	0.155
Dissolved Oxygen	mg/L									11.08	8.91	8.74	5.24
Eh	mV									397	240	358	205
pH	--									6.84	5.77	5.79	5.53
Total Suspended Solids	mg/L	7960	3270	2910	3610	730	1550	1070		1150	15	33	9
Temperature	C									9.5	10.9	11.3	12.32
Turbidity	NTU									130.6	41.3	27.4	605
<b>Metals</b>													
Copper	mg/L										0.008	U	
Iron	mg/L										2.26		
<b>Dissolved Metals</b>													
Calcium	mg/L	12	0.0127	13	12.3	12.6	12.6	14.1			12.1	13.4	12.7
Iron	mg/L	0.02 U	0.00002 U	0.02 U	0.658	0.02 U	0.02 U	3.58	0.191 J	0.0097 B	0.02 U	0.006 U	0.006 U
Magnesium	mg/L	6.93	0.00759	7.79	7.7	7.61	7.73	8.94	7.09	7.41	7.85	7.75	
Potassium	mg/L	2 U	0.0021	2 U	2 U	2 U	2 U	2 U	1.16 B	1.14 B	1.18 B	1.57 B	1.57 B
Sodium	mg/L	5.21	0.00558	5.88	5.83	5.3	5.79	6.06	4.92	5.15	5.77	5.6	
<b>TPH</b>													
Diesel	µg/L												
Gasoline	µg/L												
Heavy Fuel Oil	µg/L												
Jet Fuel as Jet A	µg/L												
Kerosene	µg/L												
Lube Oil	µg/L												
Mineral Spirits	µg/L												
Non-PHC as Diesel	µg/L												
Non-PHC as Gasoline	µg/L												
PHC as Diesel	µg/L												
PHC as Gasoline	µg/L												
Diesel Range Organics	µg/L									45 U	45 U		
Residual Range Organics	µg/L									500 U	30 U		
<b>Phenols</b>													
3,4-Dichlorophenol	µg/L									0.2 U	0.2 U		0.2 U
3,5-Dichlorophenol	µg/L									0.2 U	0.2 U		0.2 U
2,4,5-Trichlorophenol	µg/L									0.5 U	0.5 U		1.1 U
2,4,6-Trichlorophenol	µg/L									0.24 J	0.03 U		0.03 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.99 U	0.06 U	0.43	0.2 U	0.33 J	0.06 U	0.06 U	0.079 J	0.079 J
Total Tetrachlorophenols	µg/L									0.4 U	0.4 U		0.4 U
<b>Volatiles</b>													
Benzene	µg/L												
Ethylbenzene	µg/L												
Toluene	µg/L												
Total Xylenes	µg/L												
<b>PAHs</b>													
2-Methylnaphthalene	µg/L									0.025	0.0095 J		
Acenaphthene	µg/L									0.002 U	0.002 U		
Acenaphthylene	µg/L									0.002 J	0.0018 U		
Anthracene	µg/L									0.0011 U	0.0014 J		
Benzo(a)anthracene	µg/L									0.0028 J	0.0021 U		
Benzo(a)pyrene	µg/L									0.0019 J	0.0016 U		
Benzo(b)fluoranthene	µg/L									0.0067 J	0.002 J		
Benzo(g,h,i)perylene	µg/L									0.011 J	0.0037 U		
Benzo(k)fluoranthene	µg/L									0.0075 J	0.0015 J		
Chrysene	µg/L									0.0056 J	0.02 U		
Dibenz(a,h)anthracene	µg/L									0.0056 J	0.0022 J		
Fluoranthene	µg/L									0.02 U	0.02 U		
Fluorene	µg/L									0.0042 J	0.0026 U		
Indeno(1,2,3-cd)pyrene	µg/L									0.0069 J	0.0023 J		
Naphthalene	µg/L									0.022	0.0049 J		
Phenanthrene	µg/L									0.02 U	0.0046 J		
Pyrene	µg/L									0.0052 J	0.0023 U		
Total PAHs (calculated)	µg/L									0.0814	0.0189		

**Table 4-7. HCMW-5 through HCMW-7: Field Parameters, Conventionals, Metals, Phenols, PAHs, TPH, and Volatiles (1990-2005)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station Sample ID Date	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7	HCMW-7
		HCMW-7 9/29/2003	HCMW-7 2/13/2004	HCMW-7 4/14/2004	HCMW-7 7/14/2004	HCMW-7 10/13/2004	HCMW-7 1/11/2005
<b>Conventionals</b>							
Chloride	mg/L						
Specific Conductance	mS/cm	0.157					0.152
Dissolved Oxygen	mg/L	12.3	11.59	4.27	5	4.78	
Eh	mV	186	130	211	221	183	2
pH	--	6.38	3.12	5.55	5.5	5.75	4.97
Total Suspended Solids	mg/L	5 U	9	5 U	5 U	31	16
Temperature	C	11.8	10.67	10.71	11.97	11.22	10.69
Turbidity	NTU	-10					-10
<b>Metals</b>							
Copper	mg/L						
Iron	mg/L						
<b>Dissolved Metals</b>							
Calcium	mg/L	11.3	10.8	11	10.6	10.6	11.5
Iron	mg/L	0.006 U	0.0067 U	0.006 U	0.02 U	0.01 U	0.02 U
Magnesium	mg/L	7.07	6.75	6.79	6.59	6.67	7.13
Potassium	mg/L	1.26 B	1.19 B	1.47 B	0.917 B	1.09 B	0.7 U
Sodium	mg/L	5.42	5.28	5.06	5.07	4.86	5.32
<b>TPH</b>							
Diesel	µg/L						
Gasoline	µg/L						
Heavy Fuel Oil	µg/L						
Jet Fuel as Jet A	µg/L						
Kerosene	µg/L						
Lube Oil	µg/L						
Mineral Spirits	µg/L						
Non-PHC as Diesel	µg/L						
Non-PHC as Gasoline	µg/L						
PHC as Diesel	µg/L						
PHC as Gasoline	µg/L						
Diesel Range Organics	µg/L						
Residual Range Organics	µg/L						
<b>Phenols</b>							
3,4-Dichlorophenol	µg/L	2 U	2 U	2 U	2 U	2 U	0.3 U
3,5-Dichlorophenol	µg/L	2 U	2 U	2 U	2 U	2 U	0.65 U
2,4,5-Trichlorophenol	µg/L	0.62 U	0.33 U	0.5 U	0.5 U	0.5 U	0.27 U
2,4,6-Trichlorophenol	µg/L	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U	0.096 U
Pentachlorophenol	µg/L	0.12 U	0.12 U	0.095 U	0.095 U	0.095 U	0.29 U
Total Tetrachlorophenols	µg/L	0.27 U	1 U	0.26 U	0.26 U	0.26 U	0.66 U
<b>Volatiles</b>							
Benzene	µg/L						
Ethylbenzene	µg/L						
Toluene	µg/L						
Total Xylenes	µg/L						
<b>PAHs</b>							
2-Methylnaphthalene	µg/L						
Acenaphthene	µg/L						
Acenaphthylene	µg/L						
Anthracene	µg/L						
Benzo(a)anthracene	µg/L						
Benzo(a)pyrene	µg/L						
Benzo(b)fluoranthene	µg/L						
Benzo(g,h,i)perylene	µg/L						
Benzo(k)fluoranthene	µg/L						
Chrysene	µg/L						
Dibenz(a,h)anthracene	µg/L						
Fluoranthene	µg/L						
Fluorene	µg/L						
Indeno(1,2,3-cd)pyrene	µg/L						
Naphthalene	µg/L						
Phenanthrene	µg/L						
Pyrene	µg/L						
Total PAHs (calculated)	µg/L						

**Notes**

µg/L = microgram per liter.  
 B = analyte was detected in the associated laboratory or field blank in addition to the sample.  
 C = Celsius.  
 i = method reporting limit and/or method detection limit had been elevated because of chromatographic interference.  
 J = analyte is an estimated quantity.  
 mg/L = milligram per liter.  
 MPN/100 mL = most probable number per 100 milliliters.  
 mS/cm = milliSiemens per centimeter.  
 mV = millivolts.  
 NTU = nephelometric turbidity unit.  
 PAHs = polycyclic aromatic hydrocarbons.  
 TPH = total petroleum hydrocarbons.  
 U = analyte not detected above the laboratory reporting limit.  
 UJ = analyte not detected above the estimated laboratory reporting limit.

**Table 4-8. Groundwater Data: Semivolatile Analyses (1990-2005)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station	BXS-1	BXS-2	BXS-3	BXS-4	MW-1	MW-1	MW-2	MW-2	MW-2	MW-3	MW-3
	Sample ID	BXS-1	BXS-2	BXS-3	BXS-4	MW-1	GW1008	MW-2	GW1006	MW-2	MW-3	MW-3
Unit	Date	8/29/1990	8/29/1990	8/29/1990	8/29/1990	8/29/1990	10/24/2002	8/29/1990	10/23/2002	11/3/2005	8/29/1990	11/4/2005
<b>Semivolatile</b>												
1,2,4-Trichlorobenzene	µg/L	10 U		10 U			10 U					
1,2-Dichlorobenzene	µg/L	10 U		10 U			10 U					
1,3-Dichlorobenzene	µg/L	10 U		10 U			10 U					
1,4-Dichlorobenzene	µg/L	10 U		10 U			10 U					
2,4-Dinitrotoluene	µg/L	10 U		10 U			10 U					
2,6-Dinitrotoluene	µg/L	10 U		10 U			10 U					
2-Chloronaphthalene	µg/L	10 U		10 U			10 U					
2-Nitroaniline	µg/L	50 U		50 U			50 U					
3,3'-Dichlorobenzidine	µg/L	20 U		20 U			20 U					
3-Nitroaniline	µg/L	50 U		50 U			50 U					
4-Bromophenyl-phenylether	µg/L	10 U		10 U			10 U					
4-Chloroaniline	µg/L	10 U		10 U			10 U					
4-Chlorophenyl-phenylether	µg/L	10 U		10 U			10 U					
4-Nitroaniline	µg/L	50 U		50 U			50 U					
Aniline	µg/L	10 U		10 U			10 U					
Benzidine	µg/L	100 U		100 U			100 U					
Benzoic acid	µg/L	50 U		50 U			50 U					
Benzyl alcohol	µg/L	10 U		10 U			10 U					
Bis(2-Chloroethoxy)methane	µg/L	10 U		10 U			10 U					
Bis(2-Chloroethyl)ether	µg/L	10 U		10 U			10 U					
Bis(2-Chloroisopropyl)ether	µg/L	10 U		10 U			10 U					
Bis(2-ethylhexyl)phthalate	µg/L	10 U		10 U			10 U					
Butylbenzylphthalate	µg/L	10 U		10 U			10 U					
Dibenzofuran	µg/L	10 U	0.0071 U	10 U	0.0071 U	0.0071 U	10 U	0.031 U				
Diethylphthalate	µg/L	10 U		10 U			10 U					
Dimethylphthalate	µg/L	10 U		10 U			10 U					
Di-n-butylphthalate	µg/L	10 U		10 U			10 U					
Di-n-octylphthalate	µg/L	10 U		10 U			10 U					
Hexachlorobenzene	µg/L	10 U		10 U			10 U					
Hexachlorobutadiene	µg/L	10 U		10 U			10 U					
Hexachlorocyclopentadiene	µg/L	10 U		10 U			10 U					
Hexachloroethane	µg/L	10 U		10 U			10 U					
Isophorone	µg/L	10 U		10 U			10 U					
Nitrobenzene	µg/L	10 U		10 U			10 U					
N-Nitrosodimethylamine	µg/L	10 U		10 U			10 U					
N-Nitroso-di-n-propylamine	µg/L	10 U		10 U			10 U					
N-Nitrosodiphenylamine	µg/L	10 U		10 U			10 U					

**Table 4-8. Groundwater Data: Semivolatile Analyses (1990-2005)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station	MW-4	MW-5	MW-11	MW-14	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	
	Sample ID	MW-4	MW-5	GW1007	GW1002	GW1003	GW1004	GW3006	GW04102	GW04103	GW05104	GW05106	
	Date	8/29/1990	8/29/1990	10/23/2002	10/22/2002	10/22/2002	10/22/2002	7/24/2003	2/19/2004	2/19/2004	1/19/2005	1/19/2005	
	Unit		Field blank				Field dup			Field dup		Field dup	
<b>Semivolatile</b>													
1,2,4-Trichlorobenzene	µg/L	10 U	10 U										
1,2-Dichlorobenzene	µg/L	10 U	10 U										
1,3-Dichlorobenzene	µg/L	10 U	10 U										
1,4-Dichlorobenzene	µg/L	10 U	10 U										
2,4-Dinitrotoluene	µg/L	10 U	10 U										
2,6-Dinitrotoluene	µg/L	10 U	10 U										
2-Chloronaphthalene	µg/L	10 U	10 U										
2-Nitroaniline	µg/L	50 U	50 U										
3,3'-Dichlorobenzidine	µg/L	20 U	20 U										
3-Nitroaniline	µg/L	50 U	50 U										
4-Bromophenyl-phenylether	µg/L	10 U	10 U										
4-Chloroaniline	µg/L	10 U	10 U										
4-Chlorophenyl-phenylether	µg/L	10 U	10 U										
4-Nitroaniline	µg/L	50 U	50 U										
Aniline	µg/L	10 U	10 U										
Benzidine	µg/L	100 U	100 U										
Benzoic acid	µg/L	50 U	50 U										
Benzyl alcohol	µg/L	10 U	10 U										
Bis(2-Chloroethoxy)methane	µg/L	10 U	10 U										
Bis(2-Chloroethyl)ether	µg/L	10 U	10 U										
Bis(2-Chloroisopropyl)ether	µg/L	10 U	10 U										
Bis(2-ethylhexyl)phthalate	µg/L	10 U	10 U										
Butylbenzylphthalate	µg/L	10 U	10 U										
Dibenzofuran	µg/L	10 U	10 U	0.0072 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0071 U	0.0044 U	0.0044 U
Diethylphthalate	µg/L	10 U	10 U										
Dimethylphthalate	µg/L	10 U	10 U										
Di-n-butylphthalate	µg/L	10 U	10 U										
Di-n-octylphthalate	µg/L	10 U	10 U										
Hexachlorobenzene	µg/L	10 U	10 U										
Hexachlorobutadiene	µg/L	10 U	10 U										
Hexachlorocyclopentadiene	µg/L	10 U	10 U										
Hexachloroethane	µg/L	10 U	10 U										
Isophorone	µg/L	10 U	10 U										
Nitrobenzene	µg/L	10 U	10 U										
N-Nitrosodimethylamine	µg/L	10 U	10 U										
N-Nitroso-di-n-propylamine	µg/L	10 U	10 U										
N-Nitrosodiphenylamine	µg/L	10 U	10 U										

**Table 4-8. Groundwater Data: Semivolatile Analyses (1990-2005)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Unit	Station	MW-15	MW-16	MW-16	MW-16	MW-17	MW-17	MW-17	MW-18	MW-18	MW-18	MW-18
		Sample ID	MW-15	GW04104	GW05101	MW-16	GW04105	GW05102	MW-17	GW04106	GW05103	MW-18	MWC
		Date	11/4/2005	2/18/2004	1/17/2005	11/3/2005	2/18/2004	1/17/2005	11/3/2005	2/19/2004	1/17/2005	11/3/2005	11/3/2005
<b>Semivolatile</b>													
1,2,4-Trichlorobenzene	µg/L												
1,2-Dichlorobenzene	µg/L												
1,3-Dichlorobenzene	µg/L												
1,4-Dichlorobenzene	µg/L												
2,4-Dinitrotoluene	µg/L												
2,6-Dinitrotoluene	µg/L												
2-Chloronaphthalene	µg/L												
2-Nitroaniline	µg/L												
3,3'-Dichlorobenzidine	µg/L												
3-Nitroaniline	µg/L												
4-Bromophenyl-phenylether	µg/L												
4-Chloroaniline	µg/L												
4-Chlorophenyl-phenylether	µg/L												
4-Nitroaniline	µg/L												
Aniline	µg/L												
Benzidine	µg/L												
Benzoic acid	µg/L												
Benzyl alcohol	µg/L												
Bis(2-Chloroethoxy)methane	µg/L												
Bis(2-Chloroethyl)ether	µg/L												
Bis(2-Chloroisopropyl)ether	µg/L												
Bis(2-ethylhexyl)phthalate	µg/L												
Butylbenzylphthalate	µg/L												
Dibenzofuran	µg/L	0.0071 UJ	0.0071 U	0.0044 UJ	0.0071 U	0.0071 U	0.0044 UJ	0.0071 U	0.0071 U	0.0044 UJ	0.0071 U	0.0071 U	0.0071 U
Diethylphthalate	µg/L												
Dimethylphthalate	µg/L												
Di-n-butylphthalate	µg/L												
Di-n-octylphthalate	µg/L												
Hexachlorobenzene	µg/L												
Hexachlorobutadiene	µg/L												
Hexachlorocyclopentadiene	µg/L												
Hexachloroethane	µg/L												
Isophorone	µg/L												
Nitrobenzene	µg/L												
N-Nitrosodimethylamine	µg/L												
N-Nitroso-di-n-propylamine	µg/L												
N-Nitrosodiphenylamine	µg/L												

**Table 4-8. Groundwater Data: Semivolatile Analyses (1990-2005)**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

Analyte	Station	FIELD
	Sample ID	MWD
	Date	11/4/2005
	Unit	Field Blank
<b>Semivolatile</b>		
1,2,4-Trichlorobenzene	µg/L	
1,2-Dichlorobenzene	µg/L	
1,3-Dichlorobenzene	µg/L	
1,4-Dichlorobenzene	µg/L	
2,4-Dinitrotoluene	µg/L	
2,6-Dinitrotoluene	µg/L	
2-Chloronaphthalene	µg/L	
2-Nitroaniline	µg/L	
3,3'-Dichlorobenzidine	µg/L	
3-Nitroaniline	µg/L	
4-Bromophenyl-phenylether	µg/L	
4-Chloroaniline	µg/L	
4-Chlorophenyl-phenylether	µg/L	
4-Nitroaniline	µg/L	
Aniline	µg/L	
Benzidine	µg/L	
Benzoic acid	µg/L	
Benzyl alcohol	µg/L	
Bis(2-Chloroethoxy)methane	µg/L	
Bis(2-Chloroethyl)ether	µg/L	
Bis(2-Chloroisopropyl)ether	µg/L	
Bis(2-ethylhexyl)phthalate	µg/L	
Butylbenzylphthalate	µg/L	
Dibenzofuran	µg/L	0.0071 U
Diethylphthalate	µg/L	
Dimethylphthalate	µg/L	
Di-n-butylphthalate	µg/L	
Di-n-octylphthalate	µg/L	
Hexachlorobenzene	µg/L	
Hexachlorobutadiene	µg/L	
Hexachlorocyclopentadiene	µg/L	
Hexachloroethane	µg/L	
Isophorone	µg/L	
Nitrobenzene	µg/L	
N-Nitrosodimethylamine	µg/L	
N-Nitroso-di-n-propylamine	µg/L	
N-Nitrosodiphenylamine	µg/L	

**Notes**

µg/L= microgram per liter.

U = analyte not detected above the laboratory reporting limit.

UJ = analyte not detected above the estimated laboratory reporting limit.